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EPIDEMIC INFLUENZA.

PREVALENCE IN THE UNITED STATES.

Reports received by the United States Public Health Service show an increase in the number of cases of influenza in many States, but the cases appear to be milder than when the epidemic was at its height.

Telegrams have been sent to State health officers asking for information regarding recrudescence of the disease. Replies received are given under the heading "Current State Summaries," on page 2225. The numbers of cases reported in zones surrounding military camps are shown on page 2230.

The following is a brief summary of the reports received. Unless otherwise stated, the reports are for the week ended December 7, 1918:

Alabama.—Two thousand one hundred and ninety-eight cases and nine deaths were reported, a decided increase in the number of cases.

Alaska.—The epidemic was said to be practically over at all points except Craig, where but few cases of the disease had been reported.

Arkansas.—Two thousand six hundred and twenty-six cases were reported in the State during the week. For the preceding week 1,260 cases were reported.

California.—A sharp increase in the number of cases of influenza reported in San Francisco was noted during the week, with slight increases in other cities.

Delaware.—Scattered cases of influenza were reported throughout the State, "with a few here and there bunched." Delaware City, Smyrna, Bridgeville, and Shelbyville have reported a number of cases. Wilmington has had but few cases in the past three weeks, and these have been of a very mild type.

District of Columbia.—More than 1,200 cases were reported during the first 10 days of December, with 29 deaths.

Indiana.—No improvement was noted in the State, except that the cases were milder.

Iowa.—A marked increase in the number of influenza cases was reported. Twelve thousand one hundred and ninety-four cases were reported in the State during the week.

Kansas.—Nineteen thousand six hundred and seventy-six cases were reported to the State health officer during the week. During the preceding week 15,400 cases were reported.

Kentucky.—A decided recrudescence of the influenza epidemic was reported in Louisville and larger towns of the State. The disease appeared to be of a milder type than the earlier cases and occurred mostly among children of school age. A few rural sections still reported serious conditions.

Louisiana.—A recrudescence of the disease was reported at New Orleans, Shreveport, Lake Charles, Natchitoches, Standard, Zolle, Noble, Convent, and Kilbourne. At Lake Charles the recrudescence began December 1, reaching a height equal to that of the epidemic.

Maine.—Three hundred and ninety-two cases of influenza were reported from seven localities, besides 130 additional cases, which were scattered throughout the State.

Massachusetts.—About 5,500 cases were reported during the week. The disease was mild in character, and but few cases were complicated with pneumonia.

Mississippi.—On December 8 the disease was said to be much reduced in prevalence, but a recrudescence was reported from Hattiesburg.

Nebraska.—The situation was said to be very bad.

New Jersey.—A substantial increase in the number of cases reported occurred in a number of districts in which the epidemic had subsided. The disease is prevalent throughout the State.

New York.—The disease was reported prevalent in western New York, with an outbreak at Brookville, Madison County, where more than 100 cases were reported.

Ohio.—A recrudescence was reported throughout the State, particularly in Cincinnati, Cleveland, Columbus, Akron, Ashtabula, Bucyrus, East Liverpool, Salem, Lakewood, Medina, Franklin, Marion, Niles, and Youngstown. The disease was said to be milder than during the first epidemic.

Oklahoma.—A recrudescence of influenza was reported in Oklahoma. The mortality was said not to be so high as in the previous epidemic.

Oregon.—One thousand eight hundred and thirty cases, with sixty-seven deaths were reported from 18 localities during the week.

Pennsylvania.—A recrudescence of the disease was reported from a number of localities in the State. Conditions were said to be worse than during the original outbreak in Erie, Newcastle, and Johnstown, but the disease appeared to be subsiding.

South Carolina.—A general recrudescence of the disease was reported in the State, being most marked in sections where the epidemic first appeared.

Texas.—Influenza was reported to be on the increase.

Vermont.—A recrudescence of the disease was said to be localized rather than general, and the mortality was lower.

Virginia.—Five hundred and sixty cases of influenza were reported in the State during the week. During the preceding week 200 cases were reported.

Washington.—A sharp increase in the number of cases of influenza was reported.

West Virginia.—A recrudescence of the disease was noted in Charleston, South Charleston, Bluefield, and Clarksburg. Conditions were said to be as bad as ever in Wheeling.

SAFE MILK FOR THE SMALL TOWN.¹

By K. E. MILLER, Passed Assistant Surgeon, United States Public Health Service.

In cities and larger towns no fundamental difficulties are now met with in furnishing bacteriologically clean milk. But, for economic reasons, the advances made in recent years in this field have not been extended to small towns. In such places the amount of milk consumed has been entirely too small to justify the overhead expense necessary for the employment of the usual methods of sanitary control on the part of either the town or the milk producer.²

There are two well-known methods of obtaining a safe milk supply: (1) Sanitary control of the production and distribution of the milk and (2) pasteurization. While ideal conditions demand a combination of both processes, the smaller towns will likely have to rely largely on but one.

As to the former method, nothing short of certified milk will yield a satisfactory degree of safety, and at times even this is the source of a false and dangerous sense of security. The overhead expenses necessary to produce and distribute certified milk are prohibitive for the small town. Not only is the expense beyond all reason for any except large dairies, but the health department would not be able to employ a dairy inspector and secure a bacteriological laboratory, both of which are absolute essentials. It is plain, therefore, that sanitary control of the milk supply can not meet the problems of the small town.

Pasteurization offers more hope. If a dairyman or milk concern handles as much as 300 or 400 quarts of milk per day, pasteurization of that milk will probably not add more than 2 or 3 cents per quart to the cost. The equipment necessary for efficient pasteurization of

¹ Presented before the Southeastern Sanitary Association at Knoxville, Tenn., May 20-22, 1918. Dr. Miller has been able to make the experiment here reported in the course of a study of county health work in Edgecombe County, N. C., where he is serving in the capacity of acting health officer.

² In other words, the amount of milk consumed, not the population, indicates the milk problem of the town. For instance, it is understood that in northern towns milk consumption per capita per day is about 1 pint, whereas in the average town in the south it is very much less than that. A recent careful survey of the milk consumption of Tarboro, N. C., a town with a population of 5,500, was unable to account for more than about 400 quarts per day at the outside. On the basis of consumption for northern towns, it should be about 2,750 quarts, or six times what it actually is.

300 quarts of milk at a time may be had for about \$500. In case a central station for receiving, bottling, pasteurizing, and distributing the milk is desired, the entire expense for machinery and delivery facilities will be in the neighborhood of \$1,000.

It is obvious, however, that there is a limit in the size of the town below which the operation of any scheme for supplying safe milk becomes impracticable as a commercial proposition. As a result of practical investigation, the conclusion that a safe milk supply is possible for any town consuming 400 quarts of milk or more per day seems to be reasonable. In addition to the hundreds of small towns consuming this amount, there are perhaps as many others which could and should, as a result of propaganda leading to a consumption somewhat comparable to that considered normal for most northern towns and cities, be in a position to have their milk pasteurized economically.

In the case of these small towns consuming 300 or 400 quarts of milk per day, it will be found that three or more producers contribute to the supply, so that the output of no one of them is likely to be more than 100 quarts and that of some may be much less. Inasmuch as the calculations above are based on 300 quarts as the minimum which would enable a pasteurizing plant to operate economically, some provision must be made to relieve the producers of the pasteurizing process. A complete answer to this need is found in municipal pasteurization. This idea is not a new one at all, but the extension of it to the very small towns which can not get even reasonably safe milk by any other means is an entirely new departure, so far as the writer is aware. A practical experiment which will determine the workability of this scheme is now being inaugurated in Tarboro, N. C.

The milk supply of Tarboro does not exceed 400 quarts a day. There are no producers who make dairying anything but a side issue, and there is an annoying number of family cows, the surplus milk from which is dispensed among the neighbors. No part of the milk is produced under conditions above the ordinary from a sanitary point of view. Practically all of the work of operating the dairies is done by ordinary negro labor, virtually without any direct supervision. Nearly all of the milk is delivered in bottles, but some is delivered in bulk.

In order to meet these conditions and dispose of them effectually the following program is being developed.¹ A milk ordinance is to be passed by the town council² requiring all milk sold in Tarboro to be pasteurized. The pasteurization is to be done in a central plant owned and operated by the town. The cost of all machinery needed

¹ The writer is indebted to Sanitary Engineer Albert F. Stevenson, of the U. S. Public Health Service, for many suggestions of assistance in developing this program.

² This ordinance in effect, October 1, 1918. It is given at the end of this article.

for this purpose has been found to be about \$800. The plant is to be installed in one section of the city light and power plant, thereby giving immediate access to an abundance of steam at all times for operating purposes.¹

The town proposes to do not only the pasteurizing, but the collecting and distributing as well. In other words, the town is going into the milk business. The producers will deliver the milk to the pasteurizing plant and will receive cash for it either daily, weekly, or monthly, as they choose. In order to eliminate bookkeeping and to insure against loss in collection of accounts, the coupon system will be employed.²

A bottle pasteurizer will be used in this plant, for the following reasons: (1) Because it is cheaper to install than the bulk pasteurizer in the case of a plant such as the one contemplated; (2) because it avoids all chance of contamination following pasteurization; and (3) in order to enable any person who so desires to obtain the milk of his favorite dairyman.

The town will not aim to make money out of this undertaking, but to make it just self-supporting. The increase in cost due to pasteurization will be offset partly by the saving effected from the elimination of one delivery a day, partly by the abolition of overlapping milk routes, and partly by the elimination of loss in collections. But after these savings are effected some addition to the present cost of milk to the consumer will most likely be required.³

It is not intended to discard sanitary control measures. On the contrary, these can be regulated more effectually, because the town can simply refuse to buy milk not produced under reasonably clean conditions. It is quite possible for the health officer or a committee of business men to determine this fact by periodic inspection of dairy farms.

The solution of the milk problem for the small towns, therefore, will apparently be established in the future upon two principles: (1) Efficient pasteurization under municipal operation; and (2) a modified set of sanitary requirements for the farm, which will insure a reasonable degree of common cleanliness.

NOTE.—This paper on Safe Milk for the Small Town was presented before the Southeastern Sanitary Association May 20–22, 1918. On October 1, 1918, the municipal pasteurization plant as described by Passed Asst. Surg. Miller was placed in operation.

¹ It happens that the light and power plant adjoins the ice plant for the town, from which can be derived a supply of ice or brine for cooling and refrigeration.

² No milk will be delivered without collecting coupons which have previously been paid for.

³ No milk is sold at the present time for more than 12 cents per quart, although Tarboro's closest neighbors, Rocky Mount and Wilson, are paying retail prices of 18 and 20 cents. A price of 15 cents per quart to the consumer in Tarboro, therefore, does not seem unreasonable. Tarboro proposes to pay the producers 10 cents per quart for milk delivered at the plant.

The success of the enterprise is indicated by the following extract from a letter from Dr. Miller dated November 15, 1918:

"The plant has been in operation since October 1, 1918. The forwarding of the manuscript has been delayed until the present date in order to have time enough to give the plant a fair test. I am pleased to say that it has fully justified every expectation, in spite of the fact that the supply is even much smaller than the calculations indicated. We are receiving only about 175 quarts of milk per day, which, of course, is the entire supply of the town. Even with this small amount, the plant has shown that it is not only self-supporting but yields a certain amount of revenue.

"The total cost thus far for everything has amounted to \$1,267. This includes all machinery, equipment, and the installation of the same, and likewise delivery facilities. There are certain other small bills outstanding, but these are insignificant.

"Milk is purchased from the producers at 12 cents per quart and delivered to the consumers at 17 cents per quart.

"Disheartening difficulties were met with the first week of the operation of the plant. The trouble was determined to be improper and insufficient cooling of the milk before and after pasteurization. These matters were speedily adjusted and perfect operation has been experienced ever since. Trouble was anticipated in the radical change from the old system to the new, but the satisfaction now with the system seems to be almost universal. The only source of anxiety at the present time is the scarcity of milk. This necessitates an equitable distribution so that all who want milk will get some, though their portion frequently has to be reduced. The few complaints that are met with are practically all due to the inability to furnish milk in the amount desired."

An Ordinance to Provide for a Safe Milk Supply in Tarboro, N. C.

SECTION 1. The terms "milk" and "cream" used in this ordinance, unless otherwise designated, shall be taken to mean fresh whole milk and sweet cream, respectively.

SEC. 2. After October 1, 1918, it shall be unlawful for any milk or cream to be sold for human consumption in the town of Tarboro which shall not have been previously pasteurized in accordance with the standards set forth in this ordinance.

SEC. 3. For the purpose of aiding in the requirements of this ordinance the town of Tarboro shall at once establish a municipal milk plant where milk may be sold by the producers, and where said milk shall be bottled, pasteurized, and thence distributed to consumers in the town of Tarboro.

SEC. 4. No milk may be sold in the town of Tarboro except by persons having a license for this purpose, which license shall have been obtained from the county health officer. Such license must be renewed yearly, and is subject to cancellation at any time in case of violation of any of the provisions of this ordinance by the licensee.

SEC. 5. The licensee shall furnish monthly on forms provided for this purpose a signed statement setting forth the fact that, so far as applicable to him or her, all the provisions of this ordinance have been faithfully complied with. Failure to supply such statement, or any reason to doubt the accuracy thereof, shall constitute sufficient cause for temporary or permanent suspension of the privileges of said license in accordance with the gravity of the case.

SEC. 6. No cow may be kept within the limits of the town of Tarboro without a permit from the sanitary inspector, which permit shall remain in force during the time said cow is in the possession of said owner, provided no cause shall have arisen to justify the revoking of said permit.

SEC. 7. The processes of production and handling of milk on the part of the producers must conform to the principles of common cleanliness throughout, and must be such that milk delivered at the pasteurizing plant shall be free from any gross evidence of filth.

SEC. 8. Immediately after milking the milk must be cooled to a temperature of 60° F. or lower, unless delivered at the plant within two hours from the time of milking.

SEC. 9. It shall be unlawful either to add to or subtract from milk or cream any substance which would alter the chemical or bacteriological character of said milk when offered as such for sale or barter in the town of Tarboro.

SEC. 10. It shall be unlawful to offer for sale or barter in the town of Tarboro any milk or milk products derived from any cow known or suspected to be suffering from any diseased or unhealthy condition, or from any cow before seven days after calving.

SEC. 11. No milk or cream which shows any signs whatsoever of deterioration shall be marketable for human consumption in the town of Tarboro: *Provided*, Nothing in this section shall be construed to prohibit the sale of the following milk products: Skim milk, sour milk, sour cream, buttermilk, whey, and clabber. In each case these products must undergo pasteurization as prescribed for sweet milk and cream, and when delivered the container must bear a label stating the contents thereof.

SEC. 12. The price of milk delivered to the pasteurizing plant shall be determined by the town council. Also, the price of milk delivered by the plant to the consumer shall be determined by said town council.

SEC. 13. Upon receipt of milk at the pasteurizing plant it shall be immediately transferred to bottles whose interior is clean and sterile.

SEC. 14. All milk having been bottled as in section 13 shall be pasteurized in the bottle by raising the temperature of the milk to 145° F., and holding it at or near this point for 30 minutes, after which time it shall be immediately cooled down to 55° F., and held at or near this point until delivery.

SEC. 15. The sanitary management of the pasteurizing plant, and the process of pasteurization shall be under the supervision and control of the county health officer.

SEC. 16. The floors and walls of the pasteurizing plant and the machinery and utensils used in the plant shall be kept at all times in a condition of cleanliness. The plant and the operation of the same shall be at all times open to inspection by the citizens of Tarboro.

SEC. 17. A temperature record shall be made throughout each pasteurization, by means of a chart placed upon the dial of a recording thermometer. These charts shall be dated, certified as to their correctness, and submitted to the county health officer daily. They shall then be preserved as permanent records by the county health officer.

SEC. 18. One delivery daily shall be made, which shall endeavor to reach each customer at or near the same hour of each day.

SEC. 19. No milk will be delivered except in return for coupons which shall have been previously purchased for this purpose.

SEC. 20. Customers shall be held responsible for bottles in their possession, and for the loss of same by breakage or otherwise shall be required to reimburse the town at the current price for such bottles.

SEC. 21. Bottles left by the deliveryman on any certain day shall be properly washed and returned to the deliveryman within two days.

SEC. 22. The town of Tarboro reserves the right to refuse to buy any milk not produced and handled in accordance with the rules prescribed herein for the production and handling of milk. The town of Tarboro likewise reserves the right to refuse to sell milk except to customers who conform to the rules herein prescribed for milk consumers.

SEC. 23. Violation of any of the provisions of this ordinance shall constitute a misdemeanor, and a fine of \$5 shall be imposed upon any person found guilty of such violation.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED DEC. 7.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA.	
Alexandria:	Cases.	Diphtheria:	Cases.
Diphtheria.....	1	Des Moines.....	6
Gonorrhea.....	1	Influenza:	
Influenza.....	48	Ankeny.....	4
Malaria.....	1	Bloomfield Township.....	11
Syphilis.....	1	Carney.....	1
Pineville:		Des Moines.....	2,906
Influenza.....	17	Granger.....	2
Rural district:		Polk City.....	9
Influenza.....	4	Sheldahl.....	4
		Grimes.....	12
		Pneumonia:	
		Grimes.....	2
		Scarlet fever:	
		Des Moines.....	3
		Smallpox:	
		Des Moines.....	1
CAMP BOWIE ZONE, TEX.		CAMP DONIPHAN ZONE, OKLA.	
Fort Worth:		Comanche County:	
Chancroid.....	1	Smallpox.....	2
Chicken pox.....	8	Typhoid fever.....	1
Diphtheria.....	3	Lawton:	
Gonorrhea.....	9	Diphtheria.....	1
Influenza.....	209	Gonorrhea.....	3
Malaria.....	2	Influenza.....	16
Meningitis.....	2	Pneumonia.....	1
Mumps.....	1		
Pellagra.....	1		
Pneumonia.....	43		
Syphilis.....	3		
Tuberculosis.....	2		
BREMERTON ZONE, WASH.		CAMP EBERTS ZONE, ARK.	
Measles.....	2	Diphtheria:	
Mumps.....	2	Austin, route 1.....	1
		Gonorrhea:	
		England.....	2
		Lonoke.....	1
		Influenza:	
		Austin.....	11
		Cabot.....	2
		Cabot, R. F. D.....	6
		Carlisle.....	48
		Carlisle, R. F. D.....	14
		Coy.....	2
CHARLESTON SANITARY DISTRICT, S. C.			
Charleston:			
Diphtheria.....	3		
Influenza.....	75		
Scarlet fever.....	2		
CAMP DEVENS ZONE, MASS.			
Diphtheria:			
Shirley.....	1		
Influenza:			
Shirley.....	1		
Townsend.....	10		

CAMP EBEETS ZONE, ARK.—continued.

Influenza—Continued.	Cases.
England.....	4
England, R. F. D.....	6
Lonoke.....	6
Lonoke, R. F. D.....	35
Pettus.....	11
Scott, R. F. D.....	1
Ward.....	8
Malaria:	
Austin.....	1
Cabot.....	5
Carlisle.....	2
England.....	1
Pneumonia:	
Lonoke, R. F. D.....	1
Pettus.....	2
Tuberculosis:	
England, R. F. D.....	1

FAYETTEVILLE SANITARY DISTRICT, N. C.

Chicken pox.....	1
Gonorrhea.....	1
Influenza.....	24
Mumps.....	1
Pneumonia, broncho.....	3
Scarlet fever.....	1
Septic sore throat.....	1
Tuberculosis, pulmonary.....	3

CAMP FUNSTON ZONE, KANS.

Chicken pox:	
Manhattan.....	3
Gonorrhea:	
Junction City.....	3
Influenza:	
Alida.....	1
Bata.....	2
Cleburne.....	5
Irving.....	2
Junction City.....	79
Keats.....	3
Leonardville.....	5
Manhattan.....	219
Millford.....	1
Myersdale.....	2
Ogden.....	1
Randolph.....	107
Stockdale.....	5
Wakefield.....	1
Zeandale.....	8
Measles:	
Junction City.....	5
Manhattan.....	1
Ogden.....	12
Pneumonia:	
Manhattan.....	5
Randolph.....	4
Scarlet fever:	
Junction City.....	2
Manhattan.....	2

GAS AND FLAME SCHOOL ZONE, GA. AND ALA.

Influenza:	
Columbus.....	130
Girard.....	6
Muscogee County.....	41
Phenix City.....	7

GAS AND FLAME SCHOOL ZONE, GA. AND ALA.—continued.

Pellagra:	Cases.
Columbus.....	2
Pneumonia:	
Columbus.....	4
Girard.....	1
Muscogee County.....	7
Phenix City.....	1
Smallpox:	
Columbus.....	1
Tuberculosis:	
Columbus.....	1
Muscogee County.....	1

GERSTNER FIELD ZONE, LA.

Influenza.....	917
Pneumonia.....	19
Smallpox.....	8

CAMP GORDON ZONE, GA.

Atlanta:	
Cerebrospinal meningitis.....	1
Chicken pox.....	2
Diphtheria.....	4
Gonorrhea.....	19
Influenza.....	122
Lagrippe.....	5
Mumps.....	1
Scarlet fever.....	5
Smallpox.....	5
Syphilis.....	39
Tuberculosis.....	2

CAMP GREENE ZONE, N. C.

Charlotte Township:	
Chancroid.....	1
Chicken pox.....	3
Diphtheria.....	1
Gonorrhea.....	6
Influenza.....	573
Mumps.....	5
Smallpox.....	1
Syphilis.....	9
Typhoid fever.....	1
Whooping cough.....	22

GULFPORT HEALTH DISTRICT, MISS.

Diphtheria:	
Biloxi.....	1
Gonorrhea:	
Biloxi.....	1
Influenza:	
Biloxi.....	51
Gulfport.....	80
Kiln.....	2
Latimer.....	4
Long Beach.....	7
Lyman.....	21
Mississippi City.....	13
Moss Point.....	16
Pascagoula.....	3
Pecan.....	11
Scattered.....	13
Malaria:	
Biloxi.....	1
Gulfport.....	3
Kiln.....	1
Moss Point.....	2
Pascagoula.....	2

GULFPORT HEALTH DISTRICT, MISS.—continued.

Mumps:	Cases.
Biloxi.....	1
Pneumonia:	
Biloxi.....	4
De Lisle.....	1
Gulfport.....	4
Scarlet fever:	
Gulfport.....	1
Syphilis:	
Moss Point.....	1
Tuberculosis:	
De Lisle.....	1
Moss Point.....	1
Whooping cough:	
Gulfport.....	2

CAMP HANCOCK ZONE, GA.

Augusta:	
Influenza.....	31
Pneumonia.....	3
Syphilis.....	13
Whooping cough.....	7

CAMP HUMPHREYS ZONE, VA.

Influenza:	
Alexandria.....	7

CAMP JACKSON ZONE, S. C.

Columbia:	
Influenza.....	42
Measles.....	3
Scarlet fever.....	1
Tuberculosis.....	1
Whooping cough.....	1
U. S. Government Clinic:	
Chancroid.....	1
Syphilis.....	13

CAMP JOSEPH E. JOHNSTON ZONE, FLA.

Chancroid:	
Jacksonville.....	5
Gonorrhea:	
Jacksonville.....	12
Influenza:	
Fishers Corner.....	1
Jacksonville.....	9
Measles:	
Jacksonville.....	1
Mumps:	
Jacksonville.....	2
Pneumonia:	
Jacksonville.....	2
Scabies:	
Grand Crossing.....	1
Syphilis:	
Jacksonville.....	22
Trachoma:	
Fishers Corner.....	2
Jacksonville.....	5
Ortega.....	3
Typhoid fever:	
Jacksonville.....	4

FORT LEAVENWORTH ZONE, KANS.

Leavenworth:	
Chicken pox.....	2
Diphtheria.....	1

FORT LEAVENWORTH ZONE, KANS.—continued.

Leavenworth—Continued.	Cases.
Gonorrhea.....	13
Influenza.....	316
Leavenworth County:	
Influenza.....	37

CAMP LEE ZONE, VA.

Ettricks:	
Influenza.....	25
Hopewell:	
Gonorrhea.....	2
Syphilis.....	1
Petersburg:	
Diphtheria.....	1
Influenza.....	409
Pneumonia.....	19

CAMP LEWIS ZONE, WASH.

Influenza:	
Collins.....	5
Lake City.....	1
Lakeview.....	1
Murray.....	3
Parkland.....	2
Roy.....	7
Stellacoom.....	11

CAMP LOGAN ZONE, TEX.

Houston:	
Chancroid.....	1
Chicken pox.....	1
Diphtheria.....	2
Gonorrhea.....	7
Influenza.....	26
Pneumonia.....	2
Scarlet fever.....	1
Syphilis.....	2
Tuberculosis.....	6
Typhoid fever.....	3

CAMP M'ARTHUR ZONE, TEX.

Waco:	
Chancroid.....	1
Diphtheria.....	1
Gonorrhea.....	12
Influenza.....	32
Measles.....	2
Pneumonia.....	9
Syphilis.....	6
Tuberculosis.....	1

CAMP M'CLELLAN ZONE, ALA.

Anniston:	
Chancroid.....	1
Gonorrhea.....	8
Influenza.....	120
Measles.....	1
Pneumonia.....	8
Syphilis.....	4

Oxford:	
Influenza.....	3
Precinct 15:	
Influenza.....	1

CAMP MERRIT ZONE, N. J.

Chicken pox:	
Demarest.....	1
Englewood.....	3

CAMP MERRIT ZONE, N. J.—continued.

Influenza:	Cases.
Englewood.....	12
Haworth.....	3
Pneumonia:	
Englewood.....	3
Scarlet fever:	
Englewood.....	1
Tuberculosis, pulmonary:	
Demarest.....	1

NEW LONDON SANITARY DISTRICT, CONN.

Diphtheria:	
Mystic.....	1
New London.....	8
Norwich.....	1

Influenza:	
Groton (town).....	11
Mystic.....	14
New London.....	4
Old Lyme.....	8
Old Mystic.....	15
Stonington.....	22

Scarlet fever:	
Groton (borough).....	1
New London.....	6
Tuberculosis:	
New London.....	2
Norwich.....	1

FORT OGLETHORPE ZONE, GA. AND TENN.

Diphtheria:	
Chattanooga.....	1

Gonorrhea:	
Chattanooga.....	6

Influenza:	
Eastlake.....	20
Rossville, Ga.....	4

Meningitis:	
Altonpark.....	1
North Chattanooga.....	1

Scarlet fever:	
Chattanooga.....	2

Syphilis:	
Chattanooga.....	2

Tuberculosis:	
Chattanooga.....	1

PICRIC ACID PLANT ZONE, GA.

Brunswick:	
Influenza.....	40
Measles.....	6
Pneumonia.....	4
Tuberculosis.....	1

CAMP PIKE ZONE, ARK.

Chancroid:	
Little Rock.....	2

Chicken pox:	
Little Rock.....	2

Diphtheria:	
North Little Rock.....	1

German measles:	
Picron.....	1

Gonorrhea:	
Little Rock.....	17

CAMP PIKE ZONE, ARK.—continued.

Influenza:	Cases.
Jacksonville.....	5
Little Rock.....	344
North Little Rock.....	55
Picron.....	161

Laryngitis:	
Little Rock.....	1

Malaria:	
Little Rock.....	3
North Little Rock.....	2

Measles:	
Little Rock.....	4
North Little Rock.....	1
Picron.....	3

Meningitis:	
Little Rock.....	2
Picron.....	3

Mumps:	
Little Rock.....	2
Picron.....	2

Peritonitis, tuberculous:	
Picron.....	1

Pneumonia:	
Little Rock.....	40
North Little Rock.....	9
Picron.....	187

Scarlet fever:	
Little Rock.....	3
North Little Rock.....	3

Syphilis:	
Little Rock.....	4
North Little Rock.....	2

Tonsillitis:	
Little Rock.....	1
Picron.....	1

Tuberculosis:	
Little Rock.....	5

Typhoid fever:	
Little Rock.....	1

CAMP POLK ZONE, N. C.

Chicken pox:	
Durham.....	3

Diphtheria:	
Durham.....	1
Durham County.....	1

Influenza:	
Durham.....	92
Durham County.....	66
Raleigh.....	301

Pneumonia, lobar:	
Wake County.....	1

Pneumonia, broncho:	
Wake County.....	5

Scarlet fever:	
Durham County.....	1
Raleigh.....	1

Septic sore throat:	
Durham.....	1
Raleigh.....	4

Smallpox:	
Durham County.....	1

Tuberculosis, acute military:	
Wake County.....	1

CAMP POLK ZONE, N. C.—continued.

Typhoid fever:	Cases.
Durham.....	1
Whooping cough:	
Durham.....	3
PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.	
Cerebrospinal meningitis:	
Portsmouth.....	1
Chancroid:	
Norfolk.....	1
Diphtheria:	
Norfolk.....	1
Portsmouth.....	1
Gonorrhea:	
Norfolk.....	9
Portsmouth.....	1
Influenza:	
Churchland.....	2
Norfolk.....	95
Quartermaster Terminal.....	9
South Norfolk.....	25
Malaria:	
Churchland.....	1
Measles:	
Portsmouth.....	1
Pneumonia:	
Norfolk County.....	2
Port Norfolk.....	1
Scarlet fever:	
Port Norfolk.....	1
Smallpox:	
Norfolk.....	2
Syphilis:	
Norfolk.....	2
Whooping cough:	
Norfolk.....	2

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.

Gonorrhea:	
Portsmouth.....	1

CAMP SEVIER ZONE, S. C.

Greenville:	
Diphtheria.....	1
Greenville and vicinity:	
Influenza.....	237
Pneumonia.....	23

CAMP SHELBY ZONE, MISS.

Forrest County:	
Influenza.....	3
Hattiesburg:	
Diphtheria.....	1
Dysentery.....	1
Gonorrhea.....	2
Influenza.....	70
Syphilis.....	1
Near Hattiesburg:	
Influenza.....	17
Syphilis.....	1

CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Diphtheria.....	1
Influenza.....	348

CAMP SHERIDAN ZONE, ALA.—continued.

Montgomery—continued.	Cases.
Pneumonia.....	12
Scarlet fever.....	1
Montgomery County:	
Diphtheria.....	2
Influenza.....	6
Pneumonia.....	1
United States Government clinic:	
Chancroid.....	1
Gonorrhea.....	15
Syphilis.....	7

CAMP SHERMAN ZONE, OHIO.

Chillicothe:	
Influenza.....	26
Measles.....	1
Pneumonia, lobar.....	2
Ross County:	
Influenza.....	26
United States Government clinic:	
Gonorrhea.....	6

CAMP ZACHARY TAYLOR ZONE, KY. AND IND.

Diphtheria:	
Jefferson County.....	3
Jeffersonville.....	1
Louisville.....	5
Gonorrhea:	
United States Government clinic.....	17
Veneral clinic, county jail.....	7
Influenza:	
Clark County.....	182
Jefferson County.....	212
Jeffersonville.....	261
Louisville.....	656
New Albany.....	174
Measles:	
Jefferson County.....	1
Pneumonia:	
Jefferson County.....	2
Jeffersonville.....	2
Louisville.....	4
Syphilis:	
United States Government clinic.....	15
Veneral clinic, county jail.....	5
Trachoma:	
Jefferson County.....	1
Tuberculosis, pulmonary:	
Louisville.....	2
Whooping cough:	
Jefferson County.....	1
TIDEWATER HEALTH DISTRICT, VA.	
Newport News:	
Chancroid.....	1
Chicken pox.....	2
Gonorrhea.....	6
Influenza.....	2
Measles.....	3
Scarlet fever.....	1
Syphilis.....	1
Tuberculosis.....	3
Typhoid fever.....	2
Whooping cough.....	1
Phoebus:	
Tuberculosis.....	1
Typhoid fever.....	1

➤ **CAMP WADSWORTH ZONE, S. C.—continued.**

Lagrippe:	Cases.
Spartanburg.....	10
Pneumonia:	
Roebuck.....	1
Spartanburg.....	3

CAMP WHEELER ZONE, GA.

Bibb County:		
Influenza.....	31	
Pneumonia.....	1	
East Macon:		
Influenza.....	30	

Diphtheria.....	6
Influenza.....	468
Measles.....	2
Pneumonia.....	10
Scarlet fever.....	3
Whooping cough.....	1

Influenza.....	249
Tuberculosis, pulmonary.....	3

WILMINGTON SANITARY DISTRICT, N. C.

Harnett Township (rural):	
Malaria.....	1
Wilmington:	
Chicken pox.....	1
Gonorrhea.....	1
Influenza.....	3
Mumps.....	1
Syphilis.....	1
Tuberculosis.....	1

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.¹

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended November 29, 1918:

Noneffective rate per 1,000 on day of report—	
continued.	
Cantonments.....	41.33
Departmental and other troops.....	36.84
Annual death rate per 1,000 (disease only):	
All troops.....	13.26
Divisional camps.....	20.65
Cantonments.....	6.85
Departmental and other troops.....	16.62

¹ Including Porto Rico.

DISEASE CONDITIONS. AMONG TROOPS IN THE UNITED STATES—Contd.

Cases of special diseases reported during the week ended Nov. 29, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Non-effective per 1,000 on day of report.
				Total.	New infections.							
Beauregard.....	3	1	1	30	.....	.....	19	.....	.....	4	1,387.7	67.9
Bowie.....	5	.....	.....	392	.....	14	.....	1	.....	3	2,671.2	44.19
Cody.....	.....	.....	.....	14	.....	59	7	.....	17	29	741.4	76.45
Forrest.....	.....	.....	.....	.....	.....	42	4	.....	.....	3	1,317.6	62.37
Fremont.....	1	1	.....	1	.....	1	.....	.....	.....	.....	375.6	33.54
Greene.....	25	.....	.....	15	1	23	2	1	.....	5	393.7	36.28
Greenleaf.....	3	1	.....	6	.....	27	3	.....	1	1	562.9	37.17
Hancock.....	59	.....	.....	33	6	26	48	.....	29	23	680.0	64.77
Kearny.....	77	.....	1	15	.....	301	.....	.....	.....	7	1,308.4	41.5
Logan.....	7	.....	.....	18	2	43	2	.....	.....	.....	613.5	37.88
MacArthur.....	1	.....	.....	13	.....	4	46	.....	.....	3	526.1	38.48
McClellan.....	34	.....	.....	17	.....	29	.....	.....	.....	5	1,134.0	42.52
Sevier.....	3	.....	1	18	4	20	16	.....	.....	.....	956.0	32.49
Shelby.....	2	*2	1	33	25	22	3	.....	.....	1	1,657.4	42.49
Sheridan.....	6	.....	.....	33	1	10	28	.....	.....	1	732.3	29.83
Syracuse.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,040.0	88.0
Wadsworth.....	68	.....	1	9	.....	10	18	.....	.....	23	913.5	62.56
Wheeler.....	33	1	.....	7	.....	2	.....	.....	.....	10	1,012.8	45.16
Custer.....	9	.....	.....	29	11	.....	.....	1	3	7	452.8	15.86
Devens.....	17	.....	.....	28	5	9	18	.....	.....	2	609.6	28.32
Dix.....	24	.....	.....	36	2	26	3	1	.....	8	494.7	34.78
Dodge.....	23	.....	.....	26	6	82	22	.....	1	8	1,186.7	72.41
Eustis.....	1	.....	.....	32	8	40	2	.....	.....	3	1,348.6	42.12
Funston.....	13	.....	.....	41	.....	15	58	1	9	5	564.1	36.41
Gordon.....	19	.....	.....	68	.....	45	8	1	.....	3	1,536.3	63.16
Grant.....	3	.....	.....	9	.....	21	3	.....	.....	4	505.5	25.55
Humphreys.....	30	.....	.....	23	2	40	11	1	.....	8	716.2	31.82
Jackson.....	19	.....	.....	24	1	10	85	.....	.....	4	490.8	39.15
J. E. Johnston.....	11	.....	1	19	2	3	34	.....	1	1	534.5	25.14
Las Casas.....	3	.....	9	.....	.....	87	.....	.....	.....	1	884.4	32.84
Lee.....	4	.....	.....	13	4	13	7	2	.....	.....	498.7	31.98
Lewis.....	221	.....	.....	28	4	67	16	1	2	2	1,447.6	64.19
Meade.....	12	.....	.....	50	6	7	36	1	2	3	525.4	19.15
Pike.....	13	.....	.....	11	.....	39	13	.....	.....	5	952.0	57.86
Sherman.....	12	.....	.....	61	.....	47	52	.....	.....	5	847.2	42.54
Taylor.....	27	.....	.....	17	6	66	17	2	10	8	1,059.6	51.89
Travis.....	6	.....	.....	17	1	106	2	.....	.....	5	1,531.5	70.6
Upton.....	52	.....	.....	22	5	108	2	2	.....	9	669.4	39.55
Northeastern Department.....	14	.....	.....	6	3	28	.....	.....	.....	4	708.7	33.99
Eastern Department.....	13	.....	.....	27	11	88	3	.....	.....	6	605.9	22.04
Southeastern Department.....	16	.....	4	49	24	105	32	1	.....	21	912.6	27.31
Southern Department.....	79	.....	.....	62	6	226	7	1	.....	49	1,049.6	41.47
Central Department.....	7	.....	.....	4	.....	64	2	.....	.....	8	1,067.6	36.29
Western Department.....	4	.....	.....	31	11	45	.....	.....	.....	11	517.7	33.42
Aviation camps.....	103	1	1	77	.....	456	11	.....	2	34	917.8	35.32
Port of embarkation:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoboken.....	10	.....	.....	14	3	160	24	.....	2	7	951.0	88.45
Newport News.....	9	.....	.....	22	4	25	21	2	.....	5	1,792.7	145.33
Alcatraz Disciplinary Barracks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	327.8	.....
Leavenworth Disciplinary Barracks.....	.....	.....	.....	3	.....	.....	.....	.....	3	.....	1,638.5	48.74
Jefferson Barracks.....	5	.....	.....	13	.....	13	.....	.....	1	.....	879.5	57.42
Columbus Barracks.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	563.4	34.57
Fort Logan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	805.2	48.08
Fort McDowell.....	.....	.....	.....	2	1	.....	1	.....	.....	1	489.6	28.69
Fort Sill.....	.....	.....	.....	20	20	15	.....	.....	.....	1	492.9	23.52
Fort Slocum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	163.9	17.33
Fort Thomas.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	426.9	23.56
West Point.....	.....	.....	.....	3	.....	.....	.....	.....	.....	1	546.4	9.92
Arsenals.....	5	.....	.....	7	2	54	.....	.....	.....	1	841.8	36.61
Miscellaneous small stations.....	.....	.....	.....	2	.....	3	.....	.....	.....	.....	259.0	10.17
Students' army training Corps.....	25	5	4	14	.....	254	.....	.....	6	17	1,790.8	31.75
General hospitals.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	.....
Total.....	1,136	12	24	1,570	187	3,000	686	19	89	412	855.2	40.54

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES—Contd.*Annual rate per 1,000 for special diseases.*

Disease.	All troops in United States. ¹	Departmental and other troops. ¹	Divisional camps. ¹	Cantonments. ¹	Expeditionary forces. ²
Pneumonia.....	38.73	25.77	57.71	41.84	38.00
Dysentery.....	.41	.53	1.06	.....	3.97
Malaria.....	.81	.79	.88	.80	.44
Venereal.....	53.53	32.17	115.43	44.66	18.49
Paratyphoid.....	.03	.....	.....	.....	.16
Typhoid.....	.06	.....	.35	.08	.66
Measles.....	23.39	8.97	34.59	31.36	7.86
Meningitis.....	.64	.35	.35	1.04	2.01
Scarlet fever.....	3.03	1.24	8.29	2.25	1.10
Influenza.....	102.29	136.51	111.73	66.99	.....

¹ Week ended Nov. 29, 1918.² Week ended Nov. 21, 1918.

Annual death rate (disease only) all troops in United States and American Expeditionary Forces, France, for the week ending November 22, 1918, 13.22.

CURRENT STATE SUMMARIES.**Telegraphic Reports for Week Ended December 7, 1918.**

Alabama.—Malaria 6, smallpox 4, measles 12, scarlet fever 12, diphtheria 7, cerebrospinal meningitis 1, pneumonia 35, influenza 2,198 cases 9 deaths.

Alaska.—Influenza practically over at all points except Craig, which had very little.

Arkansas.—Influenza: Ashley County 400, Pine Bluff 286, Quitman 162, Bradley County 115, Miller County 110, Womble—vicinity—300, Marvell 104, Hazen—vicinity—95, Columbia County 87 cases 2 deaths, Morrillton 81, Texarkana 75, Faulkner County 72, Warren 71, Malvern 70, Conway County 55, Des Arc 45, Hempstead 39, Lee County 43, St. Francis County 40, Camden 47, Rogers 35, Leslie reports recurring epidemic, White County recurring epidemic, Polk County all schools reported closed, no report as to cases. Total for State: Meningitis 2, chicken pox 15, malaria 41, pellagra 6, smallpox 10, tuberculosis 7, trachoma 5.

California.—Influenza: San Francisco 846, Los Angeles 2,447, San Diego 658, Pasadena 201, Long Beach 174, Berkeley 137, Santa Barbara 60, Fresno 100, Stockton 282, Oakland 110. Total influenza cases reported from beginning of outbreak to December 9, 1918, 183,000.

Connecticut.—Rabies, Ansonia 1; tetanus, New Haven 1; cerebrospinal meningitis, New Haven 1.

Delaware.—Influenza scattered through the State with a few here and there bunched. Delaware City, Smyrna, Bridgeville, Shelbyville, have been having quite a few cases. Wilmington has had but a very few cases in the past 3 weeks and they have been of a very mild type.

Indiana.—Influenza 2,566, syphilis 6, gonorrhea 18, chancreoid 3.

Iowa.—Chicken pox: Dubuque 2. Diphtheria: Blue Grass 2, Council Bluffs 2, Des Moines 6, Dubuque 4, Gladbrook 3, Mount Pleasant 1. Gonorrhea: Bettendorf 5, Castana 1, Cedar Rapids 1, Dubuque 1, Hedrick 1, Mason City 5, Sioux City 15, Whiting 2. Scarlet fever: Bradgate 3, Burlington 1, Council Bluffs 1, Des Moines 4, Fort Dodge 1, Mason City 2, Numa 3, Ottumwa 1, Pella 1. Smallpox: Boone 1, Burlington 2, Carroll 3, Cedar Rapids 1, Council Bluffs 4, Des Moines 2, Greene 3, Harris 3, Mason City 1, Ottumwa 1. Syphilis: Dubuque 5, Iowa City 1, Mason City 1, Sioux City 4. In rural districts of following counties. Diphtheria: Benton 1, Dubuque 1, Plymouth 1, Tama 1, Webster 1. Gonorrhea: Mahaska 2. Scarlet fever: Buchanan 1, Guthrie 2. Smallpox: Clayton 6. Marked increase in influenza cases in State. Do not yet know exact nature of recrudescence over entire State, but is serious. Of the 12,194 cases reported during past week, 2,193 were in Des Moines, 1,034 in Keokuk, and 860 in Davenport.

Kansas.—State totals: Typhoid fever 8, smallpox 6, diphtheria 26, scarlet fever 26, influenza 19,676. By cities of over 10,000 population.—Influenza: Atchison 140, Coffeyville 92, Fort Scott 64, Hutchinson 457, Independence 179, Kansas City 919, Lawrence 274, Leavenworth 81, Parsons 88, Pittsburgh 338, Topeka 870, Wichita 982. In cities of 3,000 to 10,000 population: Arkansas City 280, Augusta 25, Concordia 168, Dodge City 120, Eldorado 163, Emporia 140, Galena 89, Iola 9, Junction City 61, Manhattan 149, Newton 27, Ottawa 327, Salina 164, Wellington 588, Winfield 269.

Reported by mail for preceding week (ended November 30):

Cancer.....	2	Mumps.....	6
Chancreoid.....	1	Pneumonia.....	130
Chicken pox.....	11	Scarlet fever.....	25
Diphtheria.....	16	Septic sore throat.....	2
Erysipelas.....	1	Smallpox.....	5
German measles.....	2	Syphilis.....	9
Gonorrhea.....	45	Trachoma.....	1
Influenza.....	15,401	Tuberculosis.....	17
Influenza meningitis.....	2	Typhoid fever.....	17
Measles.....	8	Whooping cough.....	13

Kentucky.—There is a decided recrudescence of influenza epidemic in Louisville and larger towns of State, apparently of milder type and occurring mostly among children of school age. A few rural sections still reporting serious conditions.

Louisiana.—Recrudescence influenza New Orleans, Shreveport, Lake Charles, Natchitoches, Standard, Zolle, Noble, Convent, Kilbourne. Meningitis 1, typhoid fever 12, diphtheria 5.

Maine.—Chancreoid: Lewiston 1. Diphtheria: Woodstock 2, Freeport 1, Foxcroft 1, South Berwick 1, Auburn 1. German measles: Portland 6. Gonorrhea: Bangor 1, East Livermore 1, Jonesport 1,

Portland 10. Measles: Portland 1. Mumps: Portland 1. Scarlet fever: Bath 1. Syphilis: Augusta 1, Bangor 3, Lewiston 1, Portland 3, Waterville 2, Westbrook 2, Auburn 1. Tuberculosis: Two cases. Typhoid fever: Portland 1. Whooping cough: Auburn 1. Influenza: South Portland 27, Freeport 93, Leeds 28, Bethel 16, Portland 86, Eastport 120, East Millinocket 22, scattered cases 130.

Massachusetts.—Unusual prevalence. Approximately 5,500 influenza cases, due to recrudescence, scattered through State. Mild in character and few pneumonias.

Minnesota.—Smallpox (new foci): Kanabec County, Whited Township, 1; McLeod County, Hassan Valley Township, 1; Rock County, Mound Township, 8. Syphilis 43, gonorrhea 69, chancreoid 2.

Mississippi.—Influenza local only in State, much reduced in prevalence.

Nebraska.—Influenza situation in Nebraska very bad.

New Jersey.—Influenza cases reported 2,159. Substantial increase in number of cases has occurred in number of districts in which epidemic had subsided, and disease prevalent throughout the State. No other diseases unusually prevalent.

New York.—State outside of New York City. Diphtheria 135, indicating slight increase; typhoid fever reduced from 47 last week to 26 this week; scarlet fever 83; whooping cough 68; pneumonia 210; influenza prevalent in western New York, recurrence of outbreak at Brookfield, Madison County, with over 100 cases. Voluntary reports: Syphilis 109, gonorrhea 15.

North Carolina.—Whooping cough 81, measles 6, diphtheria 42, scarlet fever 16, septic sore throat 8, smallpox 17, chicken pox 9, typhoid fever 26, broncho-pneumonia 26, lobar pneumonia 11, trachoma 1.

Ohio.—Smallpox: Lorain 5, Hamilton 8, Steubenville 12. Scarlet fever: Lima 10. Venereal diseases 100, entire State. Influenza recrudescence general throughout State, particularly Cincinnati, Cleveland, Columbus, Akron, Ashtabula, Bucyrus, East Liverpool, Salem, Lakewood, Medina, Franklin, Marion, Niles, Youngstown. Milder than first epidemic.

Oklahoma.—There is a recurrence of influenza in this State; mortality not so high as in previous epidemic.

Oregon.—Influenza: Portland city 985 (and 61 deaths). By counties: Baker 60, Benton 37, Clackamas 142, Coos 73, Gilliam 2, Grant 89 (and 3 deaths), Hood River 113, Jackson 12 (and 3 deaths), Jefferson 10, Josephine 41, Lane 60, Linn 64, Marion 20, Multnomah 27, Tillamook 46, Union 9, Wasco 40.

Pennsylvania.—Influenza recrudescences have occurred in Daguerre Mines, Nesquehoning, Strausstown, Houtzdale, Orbisonia, and in rural regions of Adams, York, Dauphin, Lancaster, and Berks counties. Serious recrudescences, actually worse than original outbreak,

have occurred in Erie, New Castle, and Johnstown, but are now subsiding.

South Carolina.—General recrudescence of influenza. Specific outbreaks Anderson, Darlington, Orangeburg, Abbeville, Greenville, Spartanburg Counties. Recrudescence most marked in sections where epidemic first manifested itself.

Texas.—Influenza reported on increase. Nothing definite as to recrudescence.

Vermont.—Recrudescence of influenza epidemic local rather than general, mortality lower; 522 cases influenza during this week. No other unusual prevalence.

Virginia.—Two cases smallpox Norfolk County, one Bedford; 560 cases influenza.

Washington.—No unusual outbreak of communicable diseases; sharp increase in influenza cases throughout the State.

West Virginia.—Recrudescence of influenza in Charleston, South Charleston, Bluefield, Clarksburg; bad as ever in Wheeling.

CEREBROSPINAL MENINGITIS.

Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.

	Cases.		Cases.
Camp Gordon zone, Ga.....	1	Portsmouth and Norfolk County health district, Va.....	1

State Reports for October, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		New York:	
Colbert County.....	1	Erie County--	
Indiana:		Lackawanna.....	1
Davies County.....	5	Lancaster.....	1
Madison County.....	1	Monroe County--	
Marion County.....	1	Rochester.....	1
Orange County.....	1	New York City.....	14
Tipton County.....	1	Total.....	17
Wabash County.....	1		
Wells County.....	1		
Total.....	11		

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	1		Milwaukee, Wis.....	1	1
Baltimore, Md.....	1		Nashville, Tenn.....	1	
Bayonne, N. J.....	1		New York, N. Y.....	5	1
Boston, Mass.....	1	1	Niagara Falls, N. Y.....	1	1
Burlington, Vt.....	1		Philadelphia, Pa.....	2	2
Camden, N. J.....	1		Port Chester, N. Y.....	1	
Cleveland, Ohio.....	1		Rochester, N. Y.....	1	
Dubuque, Iowa.....		1	Schenectady, N. Y.....	1	1
Louisville, Ky.....		1	Wheeling, W. Va.....		1

CHANCROID.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	1	Camp Pike zone, Ark.....	2
Camp Greene zone, N. C.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Jackson zone, S. C.....	1	Camp Sheridan zone, Ala.....	1
Camp Joseph E. Johnston zone, Fla.....	5	Tidewater health district, Va.....	1
Camp Logan zone, Tex.....	1	Camp Travis zone, Tex.....	2
Camp MacArthur zone, Tex.....	1		
Camp McClellan zone, Ala.....	1		

DIPHTHERIA.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	1	Camp MacArthur zone, Tex.....	1
Camp Bowie zone, Tex.....	3	New London sanitary district, Conn.....	10
Charleston sanitary district, S. C.....	3	Fort Oglethorpe zone, Ga. and Tenn.....	1
Camp Devens zone, Mass.....	1	Camp Pike zone, Ark.....	1
Camp Dodge zone, Iowa.....	6	Camp Polk zone, N. C.....	2
Camp Doniphan zone, Okla.....	1	Portsmouth and Norfolk County health district, Va.....	2
Camp Eberts zone, Ark.....	1	Camp Sevier zone, S. C.....	1
Camp Gordon zone, Ga.....	4	Camp Shelby zone, Miss.....	1
Camp Greene zone, N. C.....	1	Camp Sheridan zone, Ala.....	3
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	9
Fort Leavenworth zone, Kans.....	1	Camp Wheeler zone, Ga.....	6
Camp Lee zone, Va.....	1		
Camp Logan zone, Tex.....	2		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2238.

ERYSIPELAS.**City Reports for Week Ended Nov. 23, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Attleboro, Mass.....	1	.....	New Haven, Conn.....	1	.....
Baltimore, Md.....	2	.....	New York, N. Y.....	.....	2
Buffalo, N. Y.....	1	.....	Omaha, Nebr.....	1	.....
Chicago, Ill.....	9	1	Philadelphia, Pa.....	1	.....
Cincinnati, Ohio.....	1	1	Pontiac, Mich.....	1	.....
Cleveland, Ohio.....	2	.....	Portland, Oreg.....	1	.....
Detroit, Mich.....	3	1	Providence, R. I.....	.....	2
Fargo, N. Dak.....	.....	1	Rochester, N. Y.....	1	.....
Ithaca, N. Y.....	1	.....	St. Louis, Mo.....	10	1
Kansas City, Mo.....	1	.....	San Francisco, Cal.....	.....	1
Milwaukee, Wis.....	1	.....	Schenectady, N. Y.....	1	.....
Minneapolis, Minn.....	1	.....		

GONORRHEA.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	1	Fort Oglethorpe zone, Ga. and Tenn.....	6
Camp Bowie zone, Tex.....	9	Camp Pike zone, Ark.....	17
Camp Doniphan zone, Okla.....	3	Portsmouth and Norfolk County health district, Va.....	10
Camp Eberts zone, Ark.....	3	Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Fayetteville sanitary district, N. C.....	1	Camp Shelby zone, Miss.....	2
Camp Funston zone, Kans.....	3	Camp Sheridan zone, Ala.....	15
Camp Gordon zone, Ga.....	19	Camp Sherman zone, Ohio.....	6
Camp Greene zone, N. C.....	6	Camp Zachary Taylor zone, Ky. and Ind.....	24
Gulfport health district, Miss.....	1	Tidewater health district, Va.....	6
Camp Joseph E. Johnston zone, Fla.....	12	Camp Travis zone, Tex.....	12
Fort Leavenworth zone, Kans.....	13	Camp Wadsworth zone, S. C.....	10
Camp Lee zone, Va.....	2	Wilmington sanitary district, N. C.....	1
Camp Logan zone, Tex.....	7		
Camp MacArthur zone, Tex.....	12		
Camp McClellan zone, Ala.....	8		

INFLUENZA.

Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	69	Camp MacArthur zone, Tex.....	32
Camp Bowie zone, Tex.....	209	Camp McClellan zone, Ala.....	124
Charleston sanitary district, S. C.....	75	Camp Merrit zone, N. J.....	15
Camp Devens zone, Mass.....	11	New London sanitary district, Conn.....	74
Camp Dodge zone, Iowa.....	2,949	Fort Oglethorpe zone, Ga. and Tenn.....	24
Camp Doniphan zone, Okla.....	16	Picrie Acid Plant zone, Ga.....	40
Camp Eberts zone, Ark.....	154	Camp Pike zone, Ark.....	568
Fayetteville sanitary district, N. C.....	24	Camp Polk zone, N. C.....	459
Camp Funston zone, Kans.....	441	Portsmouth and Norfolk County health district, Va.....	131
Gas and Flame School zone, Ga. and Ala.....	184	Camp Sevier zone, S. C.....	237
Gerstner Field zone, La.....	917	Camp Shelby zone, Miss.....	90
Camp Gordon zone, Ga.....	122	Camp Sheridan zone, Ala.....	354
Camp Greene zone, N. C.....	573	Camp Sherman zone, Ohio.....	52
Gulfport health district, Miss.....	221	Camp Zachary Taylor zone, Ky. and Ind.....	1,485
Camp Hancock zone, Ga.....	31	Tidewater health district, Va.....	2
Camp Humphreys zone, Va.....	7	Camp Travis zone, Tex.....	1,206
Camp Jackson zone, S. C.....	42	Vancouver zone, Wash.....	249
Camp Joseph E. Johnston zone, Fla.....	10	Camp Wadsworth zone, S. C.....	285
Fort Leavenworth zone, Kans.....	353	Camp Wheeler zone, Ga.....	529
Camp Lee zone, Va.....	434	Wilmington sanitary district, N. C.....	3
Camp Lewis zone, Wash.....	30		
Camp Logan zone, Tex.....	26		

The cases of influenza reported in the above-named zones from September 14 to November 30, 1918, are shown by weeks in the table on pages 2153 and 2154 of the Public Health Reports of December 6, 1918, volume 33, No. 49.

LEPROSY.

Arizona—Glendale.

During the month of October, 1918, a case of leprosy was notified at Glendale, Ariz., in a Mexican woman who had resided in the United States for one year, but has returned to Mexico since the report was made.

MALARIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	1	Camp Pike zone, Ark.....	5
Camp Bowie zone, Tex.....	2	Portsmouth and Norfolk County health district, Va.....	1
Camp Eberts zone, Ark.....	9	Wilmington sanitary district, N. C.....	1
Gulfport health district, Miss.....	10		

Alabama Report for October, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Alabama—Continued.	
Calhoun County.....	3	Houston County.....	4
Choctaw County.....	2	Jefferson County.....	4
Clarke County.....	2	Limestone County.....	3
Coffee County.....	1	Monroe County.....	1
Colbert County.....	1	Montgomery County.....	3
Conecuh County.....	1	Pickens County.....	1
Covington County.....	1	Sumter County.....	1
Geneva County.....	1	Tuscaloosa County.....	21
Greene County.....	26		
Hale County.....	2	Total.....	51

MALARIA—Continued.**City Reports for Week Ended Nov. 23, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alameda, Cal.....	1	.....	Meridian, Miss.....	10	.....
Atlanta, Ga.....	2	.....	New Orleans, La.....	3	.....
Hattiesburg, Miss.....	1	.....	Tuscaloosa, Ala.....	2	.....
Little Rock, Ark.....	1	.....		

MEASLES.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Bremerton zone, Wash..... 2	Portsmouth and Norfolk County health dis-
Camp Funston zone, Kans..... 18	trict, Va..... 1
Camp Jackson zone, S. C..... 3	Camp Sherman zone, Ohio..... 1
Camp Joseph E. Johnston zone, Fla..... 1	Camp Zachary Taylor zone, Ky and Ind.... 1
Camp MacArthur zone, Tex..... 2	Tidewater health district, Va..... 3
Camp McClellan zone, Ala..... 1	Camp Travis zone, Tex..... 1
Pieric Acid Plant zone, Ga..... 6	Camp Wheeler zone, Ga..... 2
Camp Pike zone, Ark..... 8	

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2238.

PELLAGRA.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex..... 1	Gas and Flame School zone, Ga. and Ala..... 2

Alabama Report for October, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Alabama—Continued.	
Autauga County.....	2	Limestone County.....	1
Barbour County.....	1	Lowndes County.....	2
Bibb County.....	1	Marengo County.....	1
Calhoun County.....	2	Mobile County.....	10
Conecuh County.....	1	Montgomery County.....	7
Covington County.....	1	Shelby County.....	1
Dekalb County.....	2	St. Clair County.....	2
Elmore County.....	1	Sumter County.....	1
Etowah County.....	2	Talladega County.....	2
Geneva County.....	1	Tallapoosa County.....	1
Greene County.....	1	Tuscaloosa County.....	19
Houston County.....	2	Wilcox County.....	1
Jackson County.....	1		
Jefferson County.....	1	Total.....	70
Lee County.....	2		

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	1	3	Montgomery, Ala.....		1
Charleston, S. C.....		4	New Orleans, La.....	1	.....
Columbus, Ga.....	1	.....	New York, N. Y.....		1
Galveston, Tex.....		1	San Antonio, Tex.....	3	3
Meridian, Miss.....	4	.....	Waco, Tex.....		1

PNEUMONIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.	43	Camp Merrit zone, N. J.	43
Camp Dodge zone, Iowa	2	Picric Acid Plant zone, Ga.	2
Camp Doniphan zone, Okla.	1	Camp Pike zone, Ark.	23
Camp Eberts zone, Ark.	3	Camp Polk zone, N. C.	6
Fayetteville sanitary district, N. C.	3	Portsmouth and Norfolk County health district, Va.	3
Camp Funston zone, Kans.	9	Camp Sevier zone, S. C.	23
Gas and Flame School zone, Ga. and Ala.	13	Camp Sheridan zone, Ala.	13
Gerstner Field zone, La.	19	Camp Sherman zone, Ohio.	2
Gulfport health district, Miss.	9	Camp Zachary Taylor zone, Ky. and Ind.	8
Camp Hanceck zone, Ga.	3	Camp Travis zone, Tex.	29
Camp Joseph E. Johnston zone, Fla.	2	Camp Upton zone, N. Y.	2
Camp Lee zone, Va.	19	Camp Wadsworth zone, S. C.	4
Camp Logan zone, Tex.	2	Camp Wheeler zone, Ga.	11
Camp MacArthur zone, Tex.	9		
Camp McClellan zone, Ala.	8		

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Amarillo, Tex.	22		Lincoln, Nebr.	3	1
Atlanta, Ga.	1	12	Little Rock, Ark.	5	9
Auburn, N. Y.	2		Long Beach, Cal.	5	
Baltimore, Md.	5	26	Los Angeles, Cal.	20	5
Binghamton, N. Y.	2	1	Louisville, Ky.	4	20
Bloomfield, N. J.	1		Lynn, Mass.	4	3
Boston, Mass.	29	15	Manchester, N. H.	1	1
Braddock, Pa.	10		Manitowoc, Wis.	20	13
Bridgeport, Conn.	1	10	Meridian, Miss.	1	
Cadillac, Mich.	6	2	Middletown, N. Y.	1	2
Cambridge, Mass.	3	3	Montclair, N. J.	2	
Cape Girardeau, Mo.	1	1	Morgantown, W. Va.	1	1
Centralia, Ill.	3		Morristown, N. J.	3	1
Chicago, Ill.	462	105	Mt. Vernon, N. Y.	4	1
Chillicothe, Ohio.	1	4	New Albany, Ind.	1	
Cleveland, Ohio.	74	54	New London, Conn.	6	
Columbia, S. C.	3		New York, N. Y.	350	36
Columbus, Ga.	7	5	Northampton, Mass.	2	
Cranston, R. I.	12	12	North Tonawanda, N. Y.	3	3
Dayton, Ohio.	1		Norwood, Ohio.	5	1
Detroit, Mich.	49	49	Oak Park, Ill.	4	4
Duluth, Minn.	1	3	Pasadena, Cal.	1	1
Englewood, N. J.	3	3	Passaic, N. J.	19	3
Evansville, Ind.	8	4	Philadelphia, Pa.	11	25
Fall River, Mass.	1		Pontiac, Mich.	5	1
Flint, Mich.	8	7	Port Chester, N. Y.	1	1
Fort Worth, Tex.	10	11	Portsmouth, Ohio.	16	
Framingham, Mass.	1	1	Quincy, Ill.	5	5
Fremont, Ohio.	6	6	Richmond, Va.	2	5
Gardner, Mass.	1		Roanoke, Va.	1	
Grand Rapids, Mich.	21	6	Rochester, N. Y.	16	2
Greenwich, Conn.	1	1	Saginaw, Mich.	1	1
Hackensack, N. J.	2	1	St. Joseph, Mo.	5	5
Haverhill, Mass.	23	1	San Antonio, Tex.	10	7
Henderson, Ky.	3	2	Sandusky, Ohio.	6	5
Highland Park, Mich.	11	3	San Francisco, Cal.	8	8
Hornell, N. Y.	2		Sault Ste. Marie, Mich.	7	1
Independence, Mo.	6	4	Schenectady, N. Y.	2	
Jackson, Mich.	3	3	Springfield, Mass.	26	11
Jamestown, N. Y.	15	1	Springfield, Ohio.	1	
Jersey City, N. J.	1		Stockton, Cal.	33	32
Kalamazoo, Mich.	14	4	Toledo, Ohio.	1	7
Kansas City, Kans.	4		West Orange, N. J.	7	4
Kansas City, Mo.	19	26	Wilmington, Del.	3	3
Kearny, N. J.	2	2	Winthrop, Mass.	2	1
Lackawanna, N. Y.	9	5	Worcester, Mass.	9	6
Lawrence, Mass.	2	1	Yonkers, N. Y.	4	

POLIOMYELITIS (INFANTILE PARALYSIS).**State Reports for October, 1918.**

Place.	New cases reported.	Place.	New cases reported.
Alabama:		New York—Continued.	
Colbert County.....	1	Westchester County—	
		Yonkers.....	1
Indiana:		Yates County—	
Orange County.....	1	Penn Yan.....	1
		New York City.....	9
New York:		Total.....	16
Chemung County—			
Elmira.....	4		
Dutchess County—			
Dover (town).....	1		

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Jamestown, N. Y.....	1		New York, N. Y.....		1
Lowell, Mass.....	1	1	Portland, Oreg.....	1	
Medford, Mass.....	1		Rochester, N. Y.....	1	

RABIES IN ANIMALS.**City Reports for Week Ended Nov. 23, 1918.**

During the week ended November 23, 1918, rabies in animals was reported as follows: Memphis, Tenn., 1 case; Rochester, N. Y., 3 cases; San Antonio, Tex., 2 cases.

SCARLET FEVER.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Charleston sanitary district, S. C.....	2
Camp Dodge zone, Iowa.....	3
Fayetteville sanitary district, N. C.....	1
Camp Funston zone, Kans.....	4
Camp Gordon zone, Ga.....	5
Gulfpport health district, Miss.....	1
Camp Jackson zone, S. C.....	1
Camp Logan zone, Tex.....	1
Camp Merrit zone, N. J.....	1
New London sanitary district, Conn.....	7
Fort Oglethorpe zone, Ga. and Tenn.....	2
Camp Pike zone, Ark.....	6
Camp Polk zone, N. C.....	2
Portsmouth and Norfolk County health district, Va.....	1
Camp Sheridan zone, Ala.....	1
Tidewater health district, Va.....	1
Camp Wheeler zone, Ga.....	3

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2238.

SMALLPOX.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Camp Dodge zone, Iowa.....	1
Camp Doniphan zone, Okla.....	2
Gas and Flame School zone, Ga. and Ala.....	1
Gerstner Field zone, La.....	8
Camp Gordon zone, Ga.....	5
Camp Greene zone, N. C.....	1
Camp Polk zone, N. C.....	1
Portsmouth and Norfolk County health district, Va.....	2

SMALLPOX—Continued.

New York Report for October, 1918—Vaccination Histories.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
New York:						
Erie County—						
Buffalo.....	3					3
Onondaga County—						
Geddes (town).....	3				1	2
Washington County—						
Granville.....	1					1
Total.....	7				1	6

State Reports for October, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alabama:			Indiana—Continued.		
Calhoun County.....	1		Laporte County.....	3	
Hale County.....	2		Madison County.....	5	
Jefferson County.....	7		Marion County.....	1	
Lamar County.....	1		Marshall County.....	26	
Lauderdale County.....	1		Miami County.....	1	
Limestone County.....	2		Morgan County.....	1	
Mobile County.....	2		Newton County.....	1	
Randolph County.....	9		Owen County.....	8	
Talladega County.....	5		Parke County.....	1	
Washington County.....	1		Porter County.....	30	
Total.....	31		Putnam County.....	2	
Indiana:			Randolph County.....	6	
Allen County.....	2		Rush County.....	4	
Cass County.....	6		St. Joseph County.....	2	
Delaware County.....	5		Sullivan County.....	4	
Fountain County.....	1		Vanderburg County.....	1	
Howard County.....	7		Vigo County.....	1	
Huntington County.....	2		Wayne County.....	2	
Jackson County.....	2		White County.....	2	
			Total.....	126	

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	1		Minneapolis, Minn.....	3	
Battle Creek, Mich.....	2		Muskegon, Okla.....	1	
Beaumont, Tex.....	4		Oakland, Cal.....	1	
Buffalo, N. Y.....	1		Oklahoma City, Okla.....	4	
Burlington, Iowa.....	4		Omaha, Nebr.....	20	
Cleveland, Ohio.....	72		Pasadena, Cal.....	1	
Denver, Colo.....	7		Pekin, Ill.....	1	
Detroit, Mich.....	1		Portland, Oreg.....	1	
Duluth, Minn.....	1		St. Paul, Minn.....	31	
Fort Dodge, Iowa.....	2		Salt Lake City, Utah.....	1	
Indianapolis, Ind.....	2		Sioux City, Iowa.....	2	
Lincoln, Nebr.....	1		Steubenville, Ohio.....	3	
Los Angeles, Cal.....	3		Stockton, Cal.....	4	
Marquette, Wis.....	3		Toledo, Ohio.....	1	
Meridian, Miss.....	1		Washington, D. C.....	3	
Middletown, Ohio.....	1		Wichita, Kans.....	3	
Milwaukee, Wis.....	1				

SYPHILIS.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Camp Beauregard zone, La..... 1	Camp McClellan zone, Ala..... 4
Camp Bowie zone, Tex..... 3	Fort Oglethorpe zone, Ga. and Tenn..... 2
Camp Gordon zone, Ga..... 39	Camp Pike zone, Ark..... 6
Camp Greene zone, N. C..... 9	Portsmouth and Norfolk County health district, Va..... 2
Gulfport health district, Miss..... 1	Camp Shelby zone, Miss..... 2
Camp Hancock zone, Ga..... 13	Camp Sheridan zone, Ala..... 7
Camp Jackson zone, S. C..... 13	Camp Zachary Taylor zone, Ky. and Ind..... 20
Camp Joseph E. Johnston zone, Fla..... 22	Tidewater health district, Va..... 1
Camp Lee zone, Va..... 1	Camp Travis zone, Tex..... 2
Camp Logan zone, Tex..... 2	Wilmington sanitary district, N. C..... 1
Camp MacArthur zone, Tex..... 6	

TETANUS.**City Reports for Week Ended Nov. 23, 1918.**

During the week ended November 23, 1918, 4 deaths from tetanus were reported, 1 at each of the following-named places: Charleston, S. C., Detroit, Mich., Indianapolis, Ind., and Oklahoma City, Okla.

TUBERCULOSIS.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex..... 2	Fort Oglethorpe zone, Ga. and Tenn..... 1
Camp Eberts zone, Ark..... 1	Pieric Acid Plant zone, Ga..... 1
Fayetteville sanitary district, N. C..... 3	Camp Pike zone, Ark..... 5
Gas and Flame School zone, Ga. and Ala..... 2	Camp Polk zone, N. C..... 1
Camp Gordon zone, Ga..... 2	Camp Zachary Taylor zone, Ky. and Ind..... 2
Gulfport health district, Miss..... 2	Tidewater health district, Va..... 4
Camp Jackson zone, S. C..... 1	Camp Travis zone, Tex..... 7
Camp Logan zone, Tex..... 6	Camp Upton zone, N. Y..... 1
Camp MacArthur zone, Tex..... 1	Vancouver zone, Wash..... 3
Camp Merritt zone, N. J..... 1	Wilmington sanitary district, N. C..... 1
New London sanitary district, Conn..... 3	

See also Diphtheria, measles, scarlet fever, and tuberculosis. page 2238.

TYPHOID FEVER.**Cases Reported in Extra-Cantonment Zones, Week Ended Dec. 7, 1918.**

Cases.	Cases.
Camp Doniphan zone, Okla..... 1	Camp Pike zone, Ark..... 1
Camp Greene zone, N. C..... 1	Camp Polk zone, N. C..... 1
Camp Joseph E. Johnston zone, Fla..... 4	Tidewater health district, Va..... 3
Camp Logan zone, Tex..... 3	

State Reports for October, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Alabama—Continued.	
Autauga County..... 1		Coffee County..... 1	
Baldwin County..... 1		Conceh County..... 1	
Bullock County..... 2		Corvinton County..... 2	
Butler County..... 1		Cullman County..... 3	
Calhoun County..... 6		Elmore County..... 1	
Choctaw County..... 7		Escambia County..... 1	
Clarke County..... 2		Etowah County..... 2	

TYPHOID FEVER—Continued.

State Reports for October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Alabama—Continued.		Nevada:	
Greene County.....	2	Humboldt County.....	1
Hale County.....	3	Nye County.....	4
Henry County.....	1	Washoe County.....	2
Houston County.....	1	White Pine County.....	2
Jackson County.....	2	Total.....	9
Jefferson County.....	19		
Lauderdale County.....	3	New York:	
Lawrence County.....	1	Albany County—	
Lee County.....	1	Albany.....	7
Limestone County.....	1	Watervliet.....	3
Mobile County.....	2	Ravena.....	1
Monroe County.....	2	Green Island.....	1
Montgomery County.....	3	Westerlie.....	1
Pike County.....	1	Allegany County—	
Randolph County.....	1	Clarksville (town).....	2
Russell County.....	1	Broome County—	
St. Clair County.....	1	Triangle (town).....	1
Sumter County.....	3	Johnson City.....	1
Talladega County.....	11	Vestal (town).....	1
Tuscaloosa County.....	3	Cattaraugus County—	
Washington County.....	2	Olean.....	2
Total.....	95	Cayuga County—	
Indiana:		Auburn.....	1
Allen County.....	2	Chautauqua County—	
Blackford County.....	1	Jamestown.....	3
Brown County.....	1	Ellington (town).....	1
Cass County.....	1	Poland (town).....	1
Clark County.....	7	Westfield (town).....	1
Clay County.....	3	Chemung County—	
Clinton County.....	1	Elmira.....	5
Crawford County.....	1	Elmira Heights.....	1
Daviess County.....	3	Horseheads (town).....	2
Dearborn County.....	2	Clinton County—	
Delaware County.....	13	Chazy (town).....	1
Elkhart County.....	2	Dannemora Street Prison.....	1
Fayette County.....	1	Columbia County—	
Floyd County.....	1	Kinderhook.....	1
Fountain County.....	1	Cortland County—	
Gibson County.....	3	Cortland.....	2
Grant County.....	1	Cortlandville (town).....	2
Greene County.....	5	Taylor (town).....	1
Hamilton County.....	4	Delaware County—	
Howard County.....	27	Colchester (town).....	11
Huntington County.....	7	Walton (town).....	1
Jackson County.....	6	Dutchess County—	
Jasper County.....	1	Beekman (town).....	1
Jay County.....	5	La Grange (town).....	1
Jefferson County.....	1	Pine Plains (town).....	1
Jennings County.....	1	Union Vale (town).....	1
Johnson County.....	5	Erie County—	
Knox County.....	2	Buffalo.....	21
Kosciusko County.....	1	Lackawanna.....	5
Lake County.....	4	Tonawanda.....	3
Laporte County.....	1	Grand Island (town).....	1
Lawrence County.....	2	Franklin County—	
Madison County.....	7	Dickinson (town).....	1
Marion County.....	8	Waverly (town).....	1
Monroe County.....	2	Genesee County—	
Morgan County.....	2	Batavia.....	5
Owen County.....	11	Corfu.....	3
Futnam County.....	1	Greene County—	
Randolph County.....	1	Cairo (town).....	1
Scott County.....	2	Greenville (town).....	1
Shelby County.....	2	Herkimer County—	
St. Joseph County.....	5	Frankfort.....	1
Switzerland County.....	1	Herkimer.....	105
Tipton County.....	1	Doyleville.....	1
Vanderburg County.....	2	Newport (town).....	1
Vermilion County.....	2	Russia (town).....	1
Vigo County.....	2	Jefferson County—	
Wabash County.....	2	Watertown.....	11
Washington County.....	3	Dexter.....	1
Wayne County.....	2	Ellisburg (town).....	1
Wells County.....	7	Carthage.....	1
White County.....	1	Livingston County—	
Total.....	180	Avon.....	1
		Caledonia.....	1
		Coneus (town).....	1

TYPHOID FEVER—Continued.

State Reports for October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
New York—Continued.		New York—Continued.	
Monroe County—		Steuben County—	
Rochester.....	5	Painted Post.....	1
Parma (town).....	2	Suffolk County—	
Fairport.....	1	Babylon.....	1
Nassau County—		Huntington (town).....	3
North Hempstead (town).....	1	Sullivan County—	
Niagara County—		Fallsburg (town).....	4
Niagara Falls.....	6	Neversink (town).....	6
North Tonawanda.....	5	Rockland (town).....	1
Cambria (town).....	1	Thompson (town).....	2
Lewiston (town).....	1	Tioga County—	
Wheatfield (town).....	1	Tioga (town).....	1
Wilson.....	1	Ulster County—	
Oneida County—		Kingston.....	5
Rome State Asylum.....	2	Olive (town).....	1
Utica.....	3	Woodstock (town).....	1
New Hartford (town).....	1	Warren County—	
Onondaga County—		Stony Creek (town).....	2
Syracuse.....	6	Washington County—	
Onondaga (town).....	5	Greenwich.....	1
Ontario County—		Wayne County—	
Canandaigua.....	1	Macedon.....	1
Phelps (town).....	2	Rose (town).....	1
Orange County—		Westchester County—	
Newburg.....	1	Mount Vernon.....	1
Newburg (town).....	1	Port Chester.....	1
Otsego County—		Yonkers.....	7
Maryland (town).....	1	Harrison (town).....	2
Westford (town).....	1	Lewisboro (town).....	1
Worcester (town).....	1	Mamaroneck.....	2
Rensselaer County—		Yorktown (town).....	1
Troy.....	6	Wyoming County—	
Hoosick (town).....	5	Perry.....	1
Pittstown (town).....	1	Covington (town).....	1
Poestenkill (town).....	1	New York City.....	125
St. Lawrence County—		Total.....	466
Gouverneur.....	1		
Saratoga County—			
Saratoga Springs.....	2		
Malta (town).....	1		

City Reports for Week Ended Nov. 23, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	2		Middletown, N. Y.....	2	1
Arlington, Mass.....	1		Nashville, Tenn.....	2	1
Atlanta, Ga.....	1	1	New Haven, Conn.....	1	
Baltimore, Md.....	2		New Orleans, La.....	2	
Beverly, Mass.....	1		New York, N. Y.....	15	2
Buffalo, N. Y.....	2	2	North Tonawanda, N. Y.....	1	
Cape Girardeau, Mo.....	2		Oklahoma City, Okla.....	2	1
Charleston, S. C.....	1		Parkersburg, W. Va.....	2	
Charlotte, N. C.....	2		Philadelphia, Pa.....	3	
Chicago, Ill.....	1		Plainfield, N. J.....	1	1
Chillicothe, Ohio.....	1		Portland, Me.....	1	
Cleveland, Ohio.....	2		Portland, Me.....	3	1
Columbus, Ga.....	1	1	Providence, R. I.....	1	
Cortland, N. Y.....	1		Rock Island, Ill.....	1	
Dallas, Tex.....	2		St. Louis, Mo.....	15	3
Denver, Colo.....	2	2	St. Paul, Minn.....	1	
Detroit, Mich.....	1	1	San Antonio, Tex.....	1	1
Durham, N. C.....	1		Sandusky, Ohio.....	1	
El Paso, Tex.....	1	1	Saratoga Springs, N. Y.....	1	
Fall River, Mass.....	5	1	Somerville, Mass.....	1	1
Fort Worth, Tex.....	1	1	South Bend, Ind.....	1	
Fresno, Cal.....	1		Syracuse, N. Y.....	4	
Grand Rapids, Mich.....	1		Toledo, Ohio.....	1	1
Kalamazoo, Mich.....	1		Trenton, N. J.....	1	
Kingston, N. Y.....	15		Utica, N. Y.....	1	
Lincoln, Nebr.....	2		Waco, Tex.....	1	1
Logansport, Ind.....	2	1	Washington, D. C.....	1	
Los Angeles, Cal.....	2	1	West Orange, N. J.....	1	
Louisville, Ky.....	2		Wheeling, W. Va.....	1	1
Lynn, Mass.....	1		Wichita, Kans.....	2	
Marinette, Wis.....	1		Wilmington, Del.....	1	
Marion, Ind.....	1	1	Wilmington, N. C.....	1	
Meridian, Miss.....	1		Yonkers, N. Y.....	1	

TYPHUS FEVER.

City Report for Week Ended Nov. 23, 1918.

Two cases of typhus fever were reported at New Orleans, La., during the week ended November 23, 1918.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for October, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever		Diphtheria.	Measles.	Scarlet fever.
Alabama.....	110	89	56	Nevada.....		2	2
Indiana.....	173	62	164	New York.....	1,290	588	547

City Reports for Week Ended Nov. 23, 1918.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Adams, Mass.....	14,406	6								
Akron, Ohio.....	93,604	63	2		1		1		3	
Alameda, Cal.....	28,433	12	2				1			
Alexandria, La.....	16,232	8								
Alton, Ill.....	23,783	14					1	1	1	
Amarillo, Tex.....	20,882	10								1
Anderson, Ind.....	24,230	11	1							1
Ann Arbor, Mich.....	15,041	14								
Ansonia, Conn.....	16,954	4								
Arlington, Mass.....	13,073	3	4	1			3			
Asbury Park, N. J.....	14,629	3								
Atlanta, Ga.....	196,144	76	2	1					3	6
Atlantic City, N. J.....	59,515	11			1				3	1
Attleboro, Mass.....	19,776	9							1	
Auburn, N. Y.....	37,823	11					7		1	
Austin, Tex.....	35,612						1		1	1
Baltimore, Md.....	594,637	238	27	3	1		5		62	21
Barre, Vt.....	12,401	2								
Battle Creek, Mich.....	30,159		8		2		1			
Bayonne, N. J.....	72,204		19						1	
Beatrice, Nebr.....	10,437	4	1							
Beaumont, Tex.....	28,851	8								4
Beaver Falls, Pa.....	13,749		1							
Bedford, Ind.....	10,613	2								
Beloit, Wis.....	18,547	9	1							
Benton Harbor, Mich.....	11,099	2								
Berkeley, Cal.....	60,427	15								3
Berlin, N. H.....	13,892	5								1
Beverly, Mass.....	22,128	4	1							
Biddeford, Me.....	17,760	5								1
Billings, Mont.....	15,123	9	1							
Binghamton, N. Y.....	54,984	12	2				4			
Birmingham, Ala.....	189,716	98	7		1		9			4
Bloomfield, N. J.....	19,013	2	4	1						1
Bluefield, W. Va.....	16,123						4			
Boise, Idaho.....	35,951	15								
Boston, Mass.....	767,813	257	39	1	4		17		62	21
Brazil, Ind.....	10,472	9								
Bridgeport, Conn.....	124,724	59	15	1			1		4	3
Bristol, Conn.....	16,318	2					1			
Brookline, Mass.....	33,526	5							3	
Brunswick, Ga.....	10,984	8							1	
Buffalo, N. Y.....	475,781	142	36	3	10		10		29	14
Burlington, Iowa.....	25,144	6	3				2			
Burlington, Vt.....	21,802	8								
Butte, Mont.....	44,057						4			
Cadillac, Mich.....	16,158		1							

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Nov. 23, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cairo, Ill.	15,995	8								
Cambridge, Mass.	114,293	40	7	1					8	5
Camden, N. J.	108,117		1						5	
Canton, Ohio	13,674	45	1				2		1	1
Cape Girardeau, Mo.	11,146	1	1				1		1	
Cedar Rapids, Iowa	38,033		1				1			
Centralia, Ill.	11,838				1				5	
Champaign, Ill.	15,052	4								
Charleston, S. C.	61,041	33	2							3
Charleston, W. Va.	31,060	19	3							
Charlotte, N. C.	40,759		1							
Chelsea, Mass.	48,405	14	2						2	
Chicago, Ill.	2,547,201	798	152	18	12	1	16		191	61
Chicopee, Mass.	29,950	10	1							2
Chillicothe, Ohio	15,625	5	4	1	1				1	
Cincinnati, Ohio	414,248	206	15	1	4		1		14	9
Clarksburg, W. Va.	12,060		3				3			
Cleveland, Ohio	692,259	417	23	3	2		8		12	24
Clinton, Mass.	13,075	1	1							
Coffeyville, Kans.	18,331		1						2	1
Cohoes, N. Y.	25,292	7								1
Colorado Springs, Colo.	38,965	20							6	5
Columbia, S. C.	35,165						1		2	
Columbus, Ga.	26,306	11					2		1	
Concord, N. H.	22,858	27								
Corpus Christi, Tex.	10,789	10							1	
Cortland, N. Y.	13,321	5								
Council Bluffs, Iowa	31,838	18	1				2	1	1	1
Covington, Ky.	59,623	34	1				1		2	
Cranston, R. I.	26,773	14					1			
Cumberland, Md.	26,686	3								1
Dallas, Tex.	129,738	51	2				1		2	6
Danville, Ill.	32,969	21	2							
Danville, Va.	20,183	5								
Davenport, Iowa	49,618		2				1			
Dayton, Ohio	128,939		6	1			6		10	1
Decatur, Ill.	41,183	19								1
Dedham, Mass.	10,618	4	1						1	
Denver, Colo.	268,439	164	6				4			26
Detroit, Mich.	619,648	250	96	7	1		28	2	24	19
Dover, N. H.	13,276	3								
Dubuque, Iowa	40,096	16		1	1					1
Duluth, Minn.	97,077	60	2							3
Dunkirk, N. Y.	21,311	11								
Durham, N. C.	26,160	5	1				1			
East Chicago, Ind.	30,286	12								
East Cleveland, Ohio	13,864						2			
Easthampton, Mass.	10,756		2							
East Orange, N. J.	43,761	14	3				1		1	
East Providence, R. I.	18,485						1			
Elgin, Ill.	28,562	12								2
El Paso, Tex.	69,149	48								7
Englewood, N. J.	12,603	4					2			
Escanaba, Mich.	15,854	4								
Eugene, Oreg.	14,257	1								
Evanston, Ill.	29,304	10								
Evansville, Ind.	76,981	32	2						6	2
Everett, Mass.	40,160	8	4						1	
Fall River, Mass.	129,828	47	2		2				4	5
Fargo, N. Dak.	17,872	12			1		2			1
Findlay, Ohio	14,858	5	1							
Flint, Mich.	57,386	14								
Fort Dodge, Iowa	21,039						1			
Fort Worth, Tex.	109,597	41	1	1					2	2
Fostoria, Ohio	10,959	3			1		1			
Framingham, Mass.	14,149	5								
Frederick, Md.	11,225	6								
Freeport, Ill.	19,844	9								1
Fremont, Nebr.	10,080	6								
Fresno, Cal.	36,314	16					1		1	

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Nov. 23, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Galesburg, Ill.	24,629	13			1					
Galveston, Tex.	42,650	19								2
Gardner, Mass.	17,534		3						1	
Geneva, N. Y.	13,915	5					1			
Grand Rapids, Mich.	132,861	51	3		2		14		6	2
Green Bay, Wis.	30,017	21								
Greenfield, Mass.	12,251	7					3			
Greenwich, Conn.	19,594						1			
Hackensack, N. J.	17,412	9	1						3	
Hamilton, Ohio.	41,338	9								2
Hartford, Conn.	112,831	55	7	1	20		8		5	4
Hattiesburg, Miss.	17,357		1						1	
Haverhill, Mass.	49,180		3				1		5	
Henderson, Ky.	12,312	5								
Highland Park, Mich.	33,859	7	1							
Hoboken, N. J.	78,324	23	7	1					2	1
Holland, Mich.	12,459	1								
Holyoke, Mass.	66,503	29							7	1
Hudson, N. Y.	12,898	9								
Independence, Kans.	15,111	9	1	1					1	1
Indianapolis, Ind.	283,622	132	13	3	1		1		2	6
Ithaca, N. Y.	16,017	9								
Jackson, Mich.	35,996	23	3				2			3
Jamestown, N. Y.	37,431	18	3	1			2		1	3
Janesville, Wis.	14,411	6								
Jersey City, N. J.	312,557		12				7		14	
Kalamazoo, Mich.	50,408	31	3				1		1	1
Kankakee, Ill.	14,270		1							
Kansas City, Kans.	102,096		6							
Kansas City, Mo.	305,816	149	1		3		3			12
Kearny, N. J.	24,325	16							4	1
Kenosha, Wis.	32,833	4								
Kingston, N. Y.	26,910	8	2						7	2
Knoxville, Tenn.	59,112		2		2		2		1	1
Kokomo, Ind.	21,929	12					1		2	
Lackawanna, N. Y.	16,219	11	1	1	11		1		1	
La Crosse, Wis.	31,833	18					1			2
La Fayette, Ind.	21,481	9	5	1			2		1	1
Laurel, Miss.	12,313						1			
Lawrence, Mass.	102,923	35	1						9	6
Leavenworth, Kans.	19,363	8								
Lima, Ohio.	37,145	11					5			
Lincoln, Nebr.	46,957	19	5						2	
Little Rock, Ark.	58,716	25			2		3		3	1
Logansport, Ind.	21,338	12					2			
Long Beach, Cal.	29,163	4								1
Lorain, Ohio.	38,266						1			
Los Angeles, Cal.	535,485	310	21				3		15	20
Louisville, Ky.	240,808	106	9	1	2		2		4	10
Lowell, Mass.	114,366	36	13				3		7	3
Lynchburg, Va.	33,497	15								2
Lynn, Mass.	104,534	37	2		1				5	2
Madison, Wis.	31,315	16			1					1
Malden, Mass.	52,243	6	3				2		3	
Manchester, Conn.	15,859	1					1			
Manchester, N. H.	79,607	35	5	1			4		8	1
Manistee, Mich.	12,381		1							
Manitowoc, Wis.	13,931	22								
Marinette, Wis.	14,610	5					1			
Marion, Ind.	19,923	10	5	1	1		2			
Martinsburg, W. Va.	12,984		1							
Martins Ferry, Ohio.	10,135	3								1
Mason City, Iowa.	14,938	15								
Mattoon, Ill.	12,764	5			1					
Medford, Mass.	26,681	13	2	1	1					
Melrose, Mass.	17,724	6					1		1	
Memphis, Tenn.	151,877	72	5		1				7	9
Meridian, Miss.	21,824		2				3		2	
Methuen, Mass.	14,320	3							1	1
Middletown, N. Y.	16,890								1	

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Nov. 23, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Middletown, Ohio.....	16,384	8	1							
Milford, Mass.....	14,280	5								
Milwaukee, Wis.....	445,008	124	13	1	2		33	1	14	5
Minneapolis, Minn.....	373,448	117	35	2	1		3		5	9
Mobile, Ala.....	59,201	22								2
Moline, Ill.....	27,978	22	1				1			
Montclair, N. J.....	27,087									
Montgomery, Ala.....	44,039	20							3	1
Morgantown, W. Va.....	14,444	2								
Morristown, N. J.....	13,410	7					1			
Mount Vernon, N. Y.....	10,043	13	1				1		1	1
Nashua, N. H.....	27,541	2	1							
Nashville, Tenn.....	118,136	55	1		10	1			1	6
New Albany, Ind.....	23,629	8							1	
New Britain, Conn.....	55,385	17	2	1			1			1
Newburgh, N. Y.....	29,893	11	1						8	
Newburyport, Mass.....	15,291	6								1
New Haven, Conn.....	152,275	60	6	1	4				11	3
New London, Conn.....	21,199	15	4				1		2	
New Orleans, La.....	377,010		5				2		30	
Newport, Ky.....	32,133	17							1	1
Newport, R. I.....	30,585	5								
Newton, Mass.....	44,345	15	2		1					
New York, N. Y.....	5,737,492	1,795	218	16	15		47	1	123	157
Niagara Falls, N. Y.....	38,466	24					1		2	
Norfolk, Va.....	91,148		1		2		1			1
North Adams, Mass.....	22,019	8							2	1
Northampton, Mass.....	20,006	17	1				1			
North Attleboro, Mass.....	11,248	1								
North Tonawanda, N. Y.....	14,060	8	1		2					
Norwood, Ohio.....	23,269	6					1			
Oakland, Cal.....	206,405	84	2	1			2		6	6
Oak Park, Ill.....	27,816	9								
Oklahoma City, Okla.....	97,588	15								2
Olean, N. Y.....	16,927	1								
Omaha, Nebr.....	177,777	64	6	1			5			1
Orange, N. J.....	33,636	24					1		2	
Parkersburg, W. Va.....	21,059	12					1		1	1
Pasadena, Cal.....	49,620	21					1		1	1
Passaic, N. J.....	74,478	22	15	1			3		3	2
Peeckskill, N. Y.....	19,034	9								
Pekin, Ill.....	10,973		2							
Peoria, Ill.....	72,184	34					2	1		1
Perth Amboy, N. J.....	42,646	17								
Philadelphia, Pa.....	1,735,514	547	60	6	1	1	21		46	47
Piqua, Ohio.....	14,275	3								
Pittsfield, Mass.....	39,678	18								1
Plainfield, N. J.....	24,330	9							2	
Plymouth, Mass.....	14,001	6								1
Pontiac, Mich.....	18,006	12	1				1			1
Port Chester, N. Y.....	16,727	6								1
Portland, Me.....	64,720	16					2			1
Portland, Oreg.....	308,399	125	2						3	
Portsmouth, Ohio.....	29,356		2							
Providence, R. I.....	259,895	93	15	1			7			4
Quincy, Ill.....	26,832	15	1							
Quincy, Mass.....	39,022	7	2				2		2	
Racine, Wis.....	47,465	22							1	1
Rahway, N. J.....	10,361	3	1	1						
Raleigh, N. C.....	20,274		2				3			
Redlands, Cal.....	14,573	2							3	
Richmond, Va.....	158,702	71	7				1		3	5
Riverside, Cal.....	20,496	12					1			
Roanoke, Va.....	46,282	13	3						2	2
Rochester, N. Y.....	261,711	90	1		1		7		2	5
Rockford, Ill.....	56,739	18	3							3
Rock Island, Ill.....	29,352	10	1							
Rocky Mount, N. C.....	12,673	7								
Rutland, Vt.....	15,038	4								1
Sacramento, Cal.....	68,984		1				1			2
Saginaw, Mich.....	56,469	24	4		2		1			

1 Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Nov. 23, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
St. Joseph, Mo.	86,498	31	7				1		1	
St. Louis, Mo.	788,630	378	33	2	5		18		34	17
St. Paul, Minn.	252,465	117	21		1		1		5	4
Salem, Mass.	49,346		2				4			2
Salt Lake City, Utah	121,623	61	5				3			
San Antonio, Tex.	128,215	20					1		9	7
San Bernardino, Cal.	17,616	11								
Sandusky, Ohio.	20,226	12							1	
San Francisco, Cal.	471,023	211	4		2		2		19	11
Santa Barbara, Cal.	15,360	8								1
Santa Cruz, Cal.	15,150	7								1
Saratoga Springs, N. Y.	13,839	2			1				1	1
Sault Ste. Marie, Mich.	14,130	5							3	2
Schenectady, N. Y.	103,774	20	1				1		1	1
Somerville, Mass.	88,618	18	9	1			2		4	1
South Bend, Ind.	70,967				1					1
Southbridge, Mass.	14,465	4								
Springfield, Ill.	62,623	36	1							1
Springfield, Mass.	108,668	64	4	3			1		2	4
Springfield, Ohio.	52,296	12			5				1	
Steubenville, Ohio.	28,259	29	1				1			
Stockton, Cal.	36,209			1						2
Superior, Wis.	47,167	27		1						
Syracuse, N. Y.	158,559	36	8	1	1		6		4	3
Taunton, Mass.	36,610	15	1						3	2
Tiffin, Ohio.	12,962	10								
Toledo, Ohio.	202,010	88	16	2			6			7
Trenton, N. J.	113,974	42	7	1			1		6	3
Troy, N. Y.	78,094	36	2		1		1		3	2
Tuscaloosa, Ala.	10,824		1						2	
Urbana, Ill.	10,146		1				1			
Utica, N. Y.	89,272	18	5				2		7	4
Vallejo, Cal.	13,803	9								
Waco, Tex.	34,015	18	1							
Waltham, Mass.	31,011	7	1							1
Washington, D. C.	369,282	139	7	1	3		1		22	16
Waterloo, Iowa	36,987	12	1				1			
Watertown, Mass.	15,188	2								
Watertown, N. Y.	30,404	1								
Wausau, Wis.	19,666	5								
Westfield, Mass.	18,769	9	1							
West New York, N. J.	19,613	4			1		3		1	
West Orange, N. J.	13,964	5	4							
Wheeling, W. Va.	43,657	36			1					
Wichita, Kans.	73,597						1		2	
Wilmington, Del.	95,389	32	5	1			1		1	1
Wilmington, N. C.	30,400	10	1							
Winchester, Mass.	10,812									
Winona, Minn.	18,583	3								
Winston-Salem, N. C.	33,136	14	1						2	3
Winthrop, Mass.	13,105	1					1			
Woburn, Mass.	16,076	4								
Worcester, Mass.	166,106	53	3		2		7		5	11
Yonkers, N. Y.	108,066	24	1	1						3
Zanesville, Ohio	31,320	29								

1 Population Apr. 15, 1910.

FOREIGN.

CHOLERA ON VESSEL.

Steamship "Tempaisan Maru"—Manila, P. I.

Under date of October 24, 1918, a fatal case of cholera was reported on board the steamship *Tempaisan Maru* at Manila, Philippine Islands.

INFLUENZA ON VESSELS.

Steamships at Monrovia, Liberia.

The occurrence of many cases of influenza on vessels engaged in West African trade arriving at Monrovia, Liberia, was reported under date of October 10, 1918.

CANARY ISLANDS.

Influenza.¹

According to information dated October 23, 1918, several hundred cases of influenza have been reported in the island of Grand Canary. Influenza was stated to be present in the island of La Palma and about 30 cases were reported in the island of Teneriffe.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Nov. 1-10, 1918.		Remaining under treatment Nov 10, 1918.
	New cases.	Deaths.	
Diphtheria.....	1	.....	4
Leprosy.....	.....	.....	17
Malaria.....	19	.....	163
Measles.....	.....	.....	3
Paratyphoid fever.....	1	.....	4
Scarlet fever.....	.....	.....	2
Typhoid fever.....	8	7	293

¹ From the interior 60.

² From the interior 58.

Influenza—Habana.

During the period November 1-10, 1918, 976 new cases of influenza were notified at Habana.

¹ Public Health Reports, Oct. 25, 1918, p. 1847.

Influenza—Typhoid Fever—Regla.

On November 29, 1918, 47 cases of influenza and one case of typhoid fever were reported present at Regla, Cuba.

DENMARK.**Influenza—Copenhagen—Odense—Svendborg.**

During the week ended November 2, 1918, 1,692 cases of influenza were reported in the town and district of Odense, Denmark. On November 11, 1918, the disease was stated to be spreading steadily throughout the entire district, including the town of Svendborg. Influenza was reported present in serious form at Copenhagen, October 31, 1918.

GREECE.**Influenza—Patras.**

During the week ended November 3, 1918, 214 fatal cases of influenza were notified at Patras, Greece.

GUATEMALA.**Influenza—Livingston.**

Influenza was reported present at Livingston, Guatemala, November 27, 1918. The mortality from the disease was stated to be high.

INDO-CHINA.**Cholera—Plague—Smallpox—May, 1918.**

During the month of May, 1918, 213 cases of cholera, 565 cases of plague, and 611 cases of smallpox were reported in Indo-China, as compared with 164 cases of cholera, 259 cases of plague, and 1,082 cases of smallpox reported for the month of April, 1918. The cases were distributed by provinces as follows:

Cholera.—Anam, 9 cases; Cambodia, 38 cases; Cochin-China, 154 cases; Kwang-Chow-Wan, 3 cases; Tonkin, 9 cases; total, 213 cases. The total number of cases reported for the corresponding month of the year 1917 was 427.

Plague.—Anam, 88 cases; Cambodia, 92 cases; Cochin-China, 120 cases; Kwang-Chow-Wan, 228 cases; Tonkin, 42 cases; total, 565 cases. The total number of cases reported for the corresponding month of 1917 was 223.

Smallpox.—Anam, 166 cases; Cambodia, 75 cases; Cochin-China, 285 cases; Kwang-Chow-Wan, 42 cases; Tonkin, 43 cases; total, 611 cases. The total number of cases reported for May, 1917, was 488.

LIBERIA.**Quarantine Against Influenza.**

On account of the reported prevalence of epidemic influenza in French West Africa, Gold Coast, and Sierra Leone, quarantine measures to prevent the introduction of the disease by land or maritime

routes into Liberia were ordered by the sanitary authority at Monrovia, under date of October 5, 1918, to be enforced as follows:

Vessels arriving at any Liberian port from any port in Africa to be placed in quarantine and no communication allowed between vessel and shore.

No person or passenger to be allowed to debark. Cargo to be handled only by slings and from and to open boats, and no tally officer or other person to be allowed on deck.

No persons arriving at frontier stations from infected areas to be allowed to enter Liberian territory.

MEXICO.

Influenza—Tampico.

During the month of October, 1918, 467 fatal cases of influenza were notified at Tampico, Mexico.

NEW ZEALAND.

Influenza—Auckland.

During the three weeks ended November 9, 1918, 250 fatal cases of influenza were reported at Auckland, New Zealand.

PARAGUAY.

Influenza.

Epidemic influenza was reported prevalent in Paraguay December 3, 1918.

Influenza—Asuncion.

Influenza was reported present at Asuncion, Paraguay, December 3, 1918, with more than 25,000 cases and many fatalities.

SWITZERLAND.

Influenza—Basel.

Epidemic influenza was reported present at Basel, Switzerland, October 26, 1918, with an estimated number of 15,000 cases and many fatalities.

The disease was stated to be characterized by vomiting, fever, headache, bronchial cough, and pain in the lower limbs and through the body. In some cases there was stated to be heavy spitting of blood with and without mucus. (Population, Census of 1910, 125,546.

TAHITI.

Influenza.

Epidemic influenza was reported present with a high rate of mortality at Tahiti, Society Islands, December 8, 1918.

VENEZUELA.

Influenza—Maracaibo.

An outbreak of influenza occurring about October 27, 1918, has been reported at Maracaibo, Venezuela. On November 15, 1918, the number of cases present was stated to be about 20,000, with a daily occurrence of from 40 to 50 fatalities.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Dec. 13, 1918.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras.....	Sept. 8-21.....	67	38	
Rangoon.....	Sept. 8-14.....	1	1	
Indo-China.....				May 1-31, 1918: Cases, 213;
Anam.....	May 1-31.....	9	8	deaths, 141.
Cambodia.....	do.....	38	31	
Cochin-China.....	do.....	154	96	
Saigon.....	Sept. 23-Oct. 6.....	11	9	
Kwang-Chow-Wan.....	May 1-31.....	3	3	
Tonkin.....	do.....	9	3	
Mesopotamia:				
Bagdad.....	Sept. 1-13.....	1		
Roumania:				
Braila.....				Reported present in September,
Russia:				1918.
Petrograd.....	To July 16.....	3,388	1,054	In civil hospitals.
Poland—				
Warsaw.....	July 4.....	4		
On vessel:				
S. S. Tempaisan Maru.....				At Manila, P. I. Reported Oct. 24, 1918.

PLAGUE.

Arabia:				
Hedjaz.....	Oct. 7-11.....	2		Total cases present Oct. 11, 1918,
China:				29.
Hongkong.....	Oct. 13-19.....	1	1	
Ecuador:				
Guayaquil.....	Oct. 1-31.....	1		
India:				
Karachi.....	Aug. 18-Sept. 14.....	28	22	
Madras Presidency.....	Sept. 8-21.....	332	216	
Rangoon.....	Sept. 1-7.....	28	28	
Indo-China.....				May 1-31, 1918: Cases, 565;
Anam.....	May 1-31.....	88	62	deaths, 463.
Cambodia.....	do.....	92	89	
Cochin-China.....	do.....	120	54	
Saigon.....	Sept. 23-Oct. 6.....	3	1	
Kwang-Chow-Wan.....	May 1-31.....	223	222	
Tonkin.....	do.....	42	36	
Siam:				
Bangkok.....	Sept. 1-21.....	6	8	

SMALLPOX.

Brazil:				
Rio de Janeiro.....	Aug. 25-Sept. 23 ..	122	27	
Canada:				
Nova Scotia—				
Halifax.....	Nov. 17-23.....	6		
Quebec—				
Montreal.....	do.....	1		

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Dec. 13, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Sept. 10-Oct. 13.....	.....	.....	Present.
Foochow.....	Oct. 6-19.....	.....	.....	Do.
Germany.....	May 12-Aug. 3.....	84	.....
India:				
Karachi.....	Sept. 8-14.....	1	.....
Madras.....	Sept. 8-21.....	32	21	
Indo-China.....				May 1-31, 1918: Cases, 611; deaths, 191.
Anam.....	May 1-31.....	166	46	
Cambodia.....	.....do.....	75	26	
Cochin-China.....	.....do.....	285	96	
Saigon.....	Sept. 23-Oct. 6.....	5	2	
Kwang-Chow-Wan.....	May 1-31.....	42	20	
Tonkin.....	.....do.....	43	1	
Italy:				
Milan.....	Oct. 1-31.....	3	.....
Newfoundland:				
Collier's.....	Nov. 16-22.....	1	.....
Musgrave.....	.....do.....	2	.....
Placentia.....	Nov. 23-29.....	2	1	
Shearstown.....	Nov. 16-22.....	5	.....
St. Johns.....	Nov. 16-29.....	4	.....
Upper Island Cove.....	Nov. 23-29.....	25	.....
Portugal:				
Lisbon.....	Oct. 27-Nov. 2.....	36	.....
Siam:				
Bangkok.....	Sept. 1-7.....	1	1	

TYPHUS FEVER.

Austria-Hungary:				
Hungary.....	Apr. 29-June 23.....	120	16	
Do.....	June 24-July 7.....	15	15	
Budapest.....	Apr. 28-June 23.....	15	3	
Do.....	June 24-July 7.....	4	4	
Brazil:				
Rio de Janeiro.....	Aug. 25-Sept. 21 ..	5	.....
China:				
Antung.....	Oct. 14-27.....	5	1	
Colombia:				
Barranquilla.....	Oct. 27-Nov. 2.....	.....	1	
Germany.....	May 5-Aug. 3.....	46	.....	Among prisoners of war, 134 cases. Among returning soldiers from Russia, 3 cases occurring in district of Schleswig.
Great Britain:				
Queenstown.....	Oct. 13-19.....	1	.....
Japan:				
Nagasaki.....	Oct. 14-20.....	2	1	
Russia.....				May 5-June 22, 1918: Cases, 1,526; deaths, 166.
Lithuania.....	June 28-July 6.....	252	16	
Poland.....				May 19-July 20, 1918: Cases, 4,690; deaths, 468.
Lodz.....	May 19-July 20.....	267	55	
Warsaw.....	.....do.....	1,515	216	
Tunisia:				
Tunis.....	Oct. 23-Nov. 1.....	.....	1	

YELLOW FEVER.

Ecuador:				
Guayaquil.....	Oct. 1-31.....	71	40	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Albania.....				Aug. 7, 1918: Present.
Austria-Hungary:				
Hungary.....				July 26, 1918: Present.
India:				
Bombay.....	Mar. 17-June 29	12	8	
Do.....	June 30-Aug. 17	4	2	
Calcutta.....	Apr. 14-June 29		453	May 19-June 1, 1918: Deaths, 74.
Do.....	June 30-Sept. 7		80	
Madras.....	Mar. 24-June 1	7	4	
Do.....	July 6-Sept. 7	53	32	
Mandalay.....	May 5-June 15		8	
Mergui.....	May 19-25		1	
Pegu.....	May 25-June 1		1	
Rangoon.....	Mar. 30-May 18	25	19	
Do.....	June 29-Aug. 31	4	2	
Indo-China.....				Jan. 1-Apr. 30, 1918: Cases, 437; deaths, 302.
Anam.....	Mar. 1-Apr. 30	7	5	
Cambodia.....	Jan. 1-Apr. 30	248	186	
Cochin-China.....	do	165	111	May 20-June 16, 1918: Cases, 66; deaths, 55.
Cholon.....	May 20-June 16	4		
Saigon.....	Apr. 20-Sept. 15	101	27	
Tonkin.....	Jan. 1-Apr. 30	7	43	
Java:				
East Java—				
Surabaya.....	June 6-12	13	3	Present July 24.
Do.....	June 25-Sept. 2	715	551	
Mid-Java.....				Apr. 18-June 26, 1918: Cases, 864; deaths, 653. June 27-Sept. 4, 1918: Cases, 1,276; deaths, 2,098. Present.
Samarang.....	July 24			Feb. 22-June 27, 1918: Cases, 1,432; deaths, 869; June 28-Sept. 18, 1918: Cases, 1,050; deaths, 643.
West Java.....				
Batavia.....	Feb. 22-June 27	231	103	
Do.....	June 28-Sept. 18	159	101	
Cheribon.....	June 7-27	146	111	
Mesopotamia:				
Bagdad.....	Aug. 24-30	3		June 16-23, 1918: Deaths, 191.
Persia:				
Provinces—				
Chiraz.....	June 27			Present, especially among tribes of Gashgaye and in the city of Darab.
Kazovine.....	June 12-15			Present.
Kars Province—				December, 1917: 3 or 4 deaths reported daily.
Kazaroun.....				Present in December, 1917, with about 300 fatal cases reported.
Mahour-Milati.....				Outbreak, Feb. 5, 1918.
Kerman Province—				Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Kerman.....				Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.
Khorasan.....				
Seistan.....				
Philippine Islands:				
Manila.....	Sept. 22-Oct. 19	18	13	Apr. 28-June 29, 1918: Cases, 677; deaths, 428. June 30-Oct. 19, 1918: Cases, 2,105; deaths, 942.
Provinces.....				
Batangas.....	Oct. 13-19	76	34	
Bohol.....	Apr. 28-June 29	65	53	
Do.....	July 7-Oct. 19	600	402	
Bulacan.....	Sept. 29-Oct. 19	11	7	
Capiz.....	Apr. 28-May 4	1	1	
Cavite.....	Sept. 22-Oct. 19	85	59	
Cebu.....	May 5-June 22	35	10	
Do.....	June 30-Oct. 12	488	288	
Iloilo.....	Oct. 6-19	25	12	
Lanao.....	do	10	10	
Leyte.....	Apr. 28-June 29	108	39	
Do.....	June 30-Sept. 7	38	36	
Misamis.....	Apr. 28-June 22	294	163	
Do.....	June 30-Oct. 19	329	112	
Oriental Negros.....	June 3-29	42	23	
Do.....	June 30-Oct. 19	141	69	
Pangasinan.....	Sept. 29-Oct. 19	27	20	
Rizal.....	do	54	33	
Sorsogon.....	June 2-29	112	100	
Do.....	July 14-Oct. 12	177	77	
Surigao.....	Apr. 28-June 22	92	89	
Do.....	June 30-Aug. 17	17	17	
Union.....	Oct. 6-19	4	3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia: Astara.....	Jan. 9-Feb. 27.....	58	48	In vicinity. Feb. 11-23, 1918: Cases, 17; deaths, 14. Province of Transcaucasia.
Petrograd.....	July 7.....			Present.
Sweden: Stockholm.....	July 15.....	5	1	From S. S. Angermanland from Petrograd, Russia.
Switzerland On vessel:				July 26, 1918: Present.
S. S. Angermanland.....	July 14.....	8	1	At Stockholm: from Petrograd.

PLAGUE.

Algeria: Algiers.....	Sept. 1-30.....	1		
Arabia: Aden.....	May 22-28.....		1	
Argentina: Buenos Aires.....	Apr. 20-May 22....	16	2	
Tucuman.....				In March, 1918: 3 cases in an institution.
Brazil: Bahia.....	June 16-22.....	1	1	
Ceylon: Colombo.....	Mar. 23-June 29....	22	21	
Do.....	June 30-Aug. 24....	2	1	
China: Amoy.....	July 22-Sept. 30....			Present.
Hongkong.....	Apr. 14-June 29....	124	94	
Do.....	June 30-Sept. 28....	131	105	
Ecuador: Duran.....	Apr. 1-30.....	2		
Guayaquil.....	May 1-June 15.....	28	10	
Do.....	July 1-Oct. 15.....	3	3	Feb. 1-28, 1918: Cases, 22; deaths, 8.
Egypt.....				Jan. 1-July 4, 1918: Cases, 438; deaths, 228.
Alexandria.....	Sept. 24-30.....	1		
Port Said.....	May 19-21.....	2	1	
Do.....	July 4.....	1	1	1 pneumonic.
Provinces—				
Assiout.....	July 27-29.....	2	1	
Beni-Souef.....	Apr. 26-30.....	2	1	
Fayoum.....	Apr. 21-June 27....	10	4	
Gizeh.....	June 30.....	1		
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10....	33	14	5 septicemic.
Do.....	June 27-July 4.....	17	4	1 pneumonic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
London, Port.....	Aug. 17.....	5		On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From S. S. Somali at Gravesend from Bombay.
India.....				Mar. 31-June 29, 1918: Cases, 163,977; deaths, 132,917. June 30-Aug. 24, 1918: Cases, 12,111; deaths, 8,727.
Bassein.....	Mar. 25-June 15....		149	
Do.....	July 7-27.....		9	
Bombay.....	Mar. 24-June 29....	992	804	
Do.....	June 30-Aug. 17....	75	61	
Calcutta.....	Apr. 14-June 29....		110	May 19-June 1, 1918: Deaths, 30.
Do.....	June 30-July 20....		10	
Benazada.....	Mar. 24-June 29....		23	
Karachi.....	Apr. 21-June 29....	879	807	
Do.....	June 30-Aug. 17....	26	24	
Madras.....	Sept. 1-7.....	1	1	
Madras Presidency.....	Mar. 24-June 15....	493	362	Mar. 17-May 4, 1918: Cases, 1,133; deaths, 820.
Do.....	July 14-Aug. 10....	716	521	
Mandalay.....	Mar. 17-Apr. 20....		52	
Moulmein.....	Mar. 24-June 29....		144	
Do.....	July 7-27.....		16	
Myingyan.....	Mar. 17-Apr. 14....		10	
Pegu.....	Apr. 14-June 29....		14	
Do.....	July 7-20.....		3	
Prome.....	Mar. 24-June 15....		34	
Do.....	July 7-27.....		38	
Rangoon.....	Mar. 30-June 22....	433	418	
Do.....	June 30-Aug. 31....	240	225	
Toungoo.....	Mar. 24-Apr. 27....		59	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China				Jan. 1-Feb. 28, 1918: Cases, 722; deaths, 534.
Anam.....	Jan. 1-Apr. 30.....	127	76	
Cambodia.....	do.....	290	278	
Cochin-China.....	do.....	227	121	May 29-June 8, 1918: Cases, 66; deaths, 30.
Cholon.....	May 30-June 8.....	12	6	
Saigon.....	Apr. 29-Sept. 15.....	73	42	
Kwang-Chow-Wan.....	Mar. 1-Apr. 30.....	63	38	
Laos.....	Feb. 1-28.....	4	2	
Tonkin.....	Mar. 1-Apr. 30.....	21	19	
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residences—				
Djocjakarta.....	Jan. 15-Apr. 8.....	3	34	
Kediri.....	do.....	13	10	
Madison.....	do.....	30	30	
Samarang.....	do.....	82	81	
Surabaya.....	do.....	97	97	June 11-24, 1918: Cases, 21; deaths, 21. June 25-Sept. 4, 1918: Cases, 60; deaths, 60.
Do.....	Aug. 27-Sept. 9.....	29	29	
Surakarta.....	Jan. 15-Apr. 8.....	12	12	
Mid-Java.....	July 11-Sept. 4.....	39	39	
Samarang.....	Aug. 15-21.....	19	19	
West Java.....				Aug. 17-28, 1918: Cases, 73; deaths, 40.
Batavia.....	Aug. 17-28.....	49	28	
Mesopotamia:				Present.
Amara.....	May 21-27.....			Do.
Bagdad.....	July 27-Aug. 2.....	4	2	
Bassora.....	May 21-27.....			
Peru:				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261. Apr. 1-May 31, 1918: Cases, 71.
Departments—				
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31.....	7		
Lambayeque.....	do.....	8		
Libertad.....	Apr. 1-May 31.....	40		
Lima.....	do.....	6		
Piura.....	do.....	9		
Rhodesia	May 1-9.....		56	Present in Luanewa Valley, Jan., 1917, with 93 fatal cases.
Siam:				
Bangkok.....	May 10-June 20.....	82	62	
Do.....	July 2-Aug. 31.....	43	35	
Straits Settlements:				
Penang.....	June 2-29.....	6	6	
Do.....	June 30-Aug. 17.....	8	7	
Singapore.....	Apr. 2-June 22.....	61	53	
Do.....	June 20-Aug. 17.....	9	6	
Venezuela				Jan.-Sept., 1918: Cases, 64; deaths, 21. One case septicemic. Vicinity of Charallave.
On vessel:				
S. S. Hector.....	Aug. 10-21.....			At Gravesend, port of London, 6 members of crew.
S. S. Mora.....	Aug. 31.....	3	2	At Dundee, Scotland, from Calcutta. One of cases pneumonic.
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.
S. S. Sunning.....			1	Local steamer at Shanghai; reported Aug. 14, 1918.

SMALLPOX.

Algeria:			
Algiers.....	May 1-June 30.....	121	34
Do.....	July 1-31.....	1	
Brazil:			
Bahia.....	May 5-June 22.....	2	
Rio de Janeiro.....	May 5-June 29.....	30	4
Do.....	June 20-Aug. 24.....	155	33
Santos.....	Apr. 22-28.....		1
British East Africa:			
Mombassa.....	Jan. 1-June 30.....		5

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
British Columbia—				
Victoria.....	June 23-29.....	4		
Do.....	July 7-Aug. 3.....	2		
Manitoba—				
Winnipeg.....	June 9-22.....	5		
Do.....	July 7-26.....	4		
New Brunswick—				
Moncton.....	June 16-22.....	2		
Do.....	July 7-13.....	4		
St. John.....	Nov. 3-16.....	2		
Nova Scotia—				
Halifax.....	June 22-28.....	10		
Do.....	June 30-Nov. 3.....	116		
Sydney.....	June 30-Nov. 16.....	5		
Ontario.....				June 1-30, 1918: Cases, 15. July
Gloucester.....	Aug. 1-31.....	1		1-31, 1918: Cases, 38.
Nipissing district.....	do.....	5	1	In Indian settlement.
Ottawa.....	do.....	8		
Wallaceburg.....	do.....	2		
Windsor.....	July 21-27.....	1		
Prince Edward Island—				
Summerside.....	July 9-15.....	1		
Quebec—				
Montreal.....	July 7-Nov. 9.....	7		
Canal Zone:				
Colon.....	Sept. 22-28.....	1		
Panama.....	Aug. 12-Sept. 28.....	80		
Ceylon:				
Colombo.....	Mar. 22-June 29.....	30	2	
Do.....	June 30-July 27.....	8	2	
China:				
Amoy.....	Apr. 1-June 29.....			Present.
Do.....	June 30-Sept. 30.....			Do.
Antung.....	May 20-Aug. 4.....	7	1	
Chungking.....	May 12-June 29.....			Do.
Do.....	July 21-Oct. 5.....			Do.
Dairen.....	May 7-July 1.....	51	10	
Do.....	July 2-15.....	6	1	
Foochow.....	Aug. 18-Oct. 5.....			Do.
Hallar Station.....	Feb. 12-18.....	2		Chinese Eastern Ry.
Harbin.....	Mar. 20-June 3.....	4		Do.
Do.....	July 1-7.....	2		Do.
Manchuria Station.....	Feb. 19-June 9.....	5		Do.
Hongkong.....	Apr. 6-June 8.....	19	2	
Do.....	July 28-Aug. 3.....	1	1	
Nanking.....	June 16-22.....			Present.
Do.....	June 30-Oct. 19.....			Do.
Shanghai.....	Apr. 21-June 24.....	3		
Tientsin.....	May 19-June 15.....	10		
Tsingtao.....	May 6-June 30.....	28	1	
Do.....	July 1-14.....	4		
(Chosen (Korea):				
Chemulpo.....	July 1-31.....	2	1	
Colombia:				
Barranquilla.....	July 14-Oct. 19.....	4	1	
Cartagena.....	May 21-July 1.....		2	
Do.....	July 8-Aug. 19.....		2	
Cuba:				
Cienfuegos.....	Oct. 20-26.....	2	2	
Denmark:				
Copenhagen.....	June 16-22.....	13		
Do.....	July 29-Sept. 28.....	14		
Ecuador:				
Guayaquil.....	Apr. 1-30.....	2		
Egypt:				
Alexandria.....	May 7-13.....	1		
France:				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 29.....	14	3	
Do.....	June 30-Sept. 7.....	19	5	
Rouen.....	May 12-June 15.....	6		Including varioloid.
Germany:				Mar. 24 June 1, 1918: Cases, 29.
Great Britain:				
Liverpool.....	June 9-15.....	1		From vessel.
Greece:				
Kalamata.....	June 26.....			Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Mar. 24-June 29....	1,167	574	
Do.....	June 30-Aug. 17....	43	19	
Calcutta.....	Apr. 14-June 29....	246	57	
Do.....	June 30-Sept. 7....	206	149	
Karachi.....	Apr. 6-June 29....	22	3	
Do.....	June 30-July 20....	77	27	June 16-22, 1918: Cases, 9; deaths, 6.
Madras.....	Mar. 21-June 15....	102	27	Mar. 17-May 4, 1918: Cases, 77; deaths, 33.
Do.....	June 30-Sept. 7....	81	35	
Rangoon.....	Mar. 31-June 22....	11	8	
Do.....	June 30-Aug. 31....			Jan. 1-Apr. 30, 1918: Cases, 4,043; deaths, 888.
Indo-China:				
Anam.....	Jan. 1-Apr. 30....	1,253	149	
Cambodia.....	do.....	173	48	
Cochin-China.....	do.....	1,967	697	May 20-June 16, 1918: Cases, 67; deaths, 24.
Cholon.....	May 29-June 16....	1	4	
Saigon.....	July 30-Aug. 25....	31	68	
Kwang-Chow-Wan.....	Feb. 1-Apr. 30....	122	8	
Laos.....	Jan. 1-Feb. 28....	8	1	
Tonkin.....	Jan. 1-Apr. 30....	514	55	
Italy:				
Genoa.....	June 14-30....	19	5	
Do.....	July 2-Aug. 15....	30	7	
Mezzojuso.....	May 29.....			Many cases. Province of Palermo, Sicily.
Milan.....	July 1-Aug. 31....	27		In April, 1918: Cases, 2. May 1-31, 1918: Cases, 54.
Palermo.....	May 30-June 5....	1		
Turin.....	Apr. 15-June 9....	16	1	
Japan:				
Kobe.....	Aug. 18-31....	2	2	
Nagasaki.....	May 2-June 30....	14	2	
Do.....	July 3-21....	1	1	
Taihoku.....	May 21-July 1....	18	9	Island of Formosa.
Do.....	July 2-Sept. 16....	9	3	
Tokyo.....	May 5-June 23....	24	3	Feb. 14-Mar. 13, 1918; Cases, 15.
Java:				
East Java—				
Surabaya.....	Feb. 26-June 24....	10	3	
Do.....	June 25-Sept. 9....	76		
Mid-Java.....				Feb. 14-June 26, 1918: Cases, 114; deaths, 3. June 27-Sept. 4, 1918: Cases, 140; deaths, 5.
West Java.....				Feb. 22-June 27, 1918: Cases, 403; deaths, 148. June 28-Sept. 18 1918: Cases, 699; deaths, 643.
Batavia.....	Feb. 2-June 27....	108	50	
Do.....	June 28-Oct. 18....	141	106	
Mesopotamia:				
Bagdad.....	Mar. 6-June 28....	47	7	
Do.....	June 30-July 12....	3		
Mexico:				
Aguascalientes.....	June 10-16....		1	
Guadalajara.....	June 1-30....	3		
Do.....	July 1-Sept. 30....	2	1	
Mazatlan.....	June 5-25....		2	
Do.....	July 3-Aug. 6....		3	
Mexico City.....	May 19-June 22....	78		
Do.....	June 30-Sept. 21....	32		
Vera Cruz.....	Sept. 16-Oct. 27....	4	2	
Newfoundland:				
Arnolds Cove.....	Oct. 12-18....	1		
Bay Roberts.....	Aug. 23-Sept. 13....	8		
Bell Island.....	Sept. 21-Nov. 15....	2		
Blaketown.....	Nov. 3-9....	1		
Bonne Bay.....	Nov. 9-15....	1		
Carmanville.....	Aug. 31-Sept. 6....	2		
Colliers.....	Aug. 31-Oct. 11....	12		
Conche.....	Nov. 9-15....	2		
East Wabana.....	Aug. 23-30....	1		
Greenspond.....	Sept. 21....	2		
Harbor Grace.....	Oct. 25-Nov. 1....	1		
Keels.....	Oct. 5-11....	4		
Marystown.....	Oct. 25-Nov. 9....	11		
Musgrave Harbor.....	Sept. 21....	1		
Newton.....	Nov. 9-15....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Newfoundland—Continued.					
Rencentre.....	Oct. 19-25.....	5.....	Bell Island.	
St. Johns.....	Sept. 28-Oct. 25.....	3.....	.....	
Shearstown.....	Sept. 21.....	2.....	.....	
Spaniards Bay.....	Oct. 5-11.....	1.....	.....	
Templeman.....	Nov. 9-15.....	1.....	.....	
Trout River.....	Sept. 21.....	2.....	.....	
Wabana.....	Aug. 31-Sept. 6.....	18.....	.....	
Wadhams.....	Sept. 7-13.....	7.....	.....	
Philippine Islands:					
Manila.....	Apr. 8-June 29.....	884.....	616.....		Varioloid: Cases, 178; 1 death.
Do.....	June 30-Oct. 5.....	131.....	97.....	Varioloids: Cases, 14; 1 death.	
Portugal:					
Lisbon.....	Feb. 24-June 29.....	97.....		
Do.....	June 30-Oct. 26.....	421.....	.....	
Russia:					
Archangel (government).....	June 1-30.....	60.....	.....	
Lithuania.....	Mar. 3-May 4.....	88.....	3.....		
Siam:					
Bangkok.....	May 11-June 29.....	9.....	3.....		
Do.....	July 14-Aug. 17.....	2.....	3.....		
Siberia:					
Vladivostok.....	May 1-June 30.....	33.....	7.....		
Do.....	July 1-Aug. 31.....	5.....	1.....		
Spain:					
Coruna.....	Apr. 28-June 30.....	1.....	1.....		
Do.....	July 15-Aug. 11.....	.....	2.....	
Malaga.....	Dec. 1-31.....	.....	29.....	
Do.....	Jan. 1-31.....	.....	16.....	
Seville.....	Apr. 1-May 31.....	.....	2.....	
Do.....	July 1-31.....	.....	4.....	
Valencia.....	Aug. 11-31.....	5.....	.....	
Straits Settlements:					
Penang.....	May 5-11.....	2.....	.....	
Sweden:					
Stockholm.....	June 9-15.....	10.....	.....	
Tunisia:					
Tunis.....	July 20-Sept. 27.....	.....	7.....	
Union of South Africa:					
Cape Town.....	July 20-Aug. 2.....	1.....	From overseas, in a Nigerian	
Johannesburg.....	Feb. 1-Apr. 30.....	37.....	soldier.	
On vessel.....	1 case. At Liverpool, England.	

TYPHUS FEVER.

Argentina:				
Rosario.....	Apr. 1-May 31.....	.....	2.....	
Austria-Hungary:				
Hungary.....				
Budapest.....	Feb. 25-Apr. 28.....	51.....	1.....	Feb. 25-Apr. 28, 1918: Cases, 299 deaths, 9.
Brazil:				
Rio de Janeiro.....	May 26-June 8.....	2.....	.....
Do.....	July 7-13.....	1.....	.....
Canada:				
Ontario—				
Toronto.....	Sept. 1-7.....	1.....	.....
China:				
Antung.....	May 20-June 9.....	4.....	.....
Do.....	July 8-Oct. 13.....	10.....	5.....	
Changsha.....	May 11-17.....	2.....	1.....	
Harbin.....	Jan. 1-June 16.....	37.....	.....	On Chinese Eastern Ry.
Do.....	July 1-7.....	1.....	.....
Manchuria Station.....	Jan. 15-June 30.....	41.....	.....
Do.....	July 1-14.....	3.....	.....	Do.
Pogranitchnaya.....	May 20-June 16.....	4.....	.....
Shanghai.....	May 5-11.....	.....	1.....	
Do.....	July 14-20.....	1.....	.....
Tsingtao.....	Sept. 16-22.....	2.....	.....
Chosen (Korea):				
Seoul.....	June 1-30.....	17.....	4.....	
Do.....	July 1-Aug. 31.....	5.....	2.....	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from June 29 to Dec. 6, 1918—Continued.****TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Colombia:				
Barranquilla.....	Aug. 25-Oct. 26.....	.....	3	
Egypt:				
Alexandria.....	Aug. 5-July 1.....	1,362	321	
Do.....	July 2-Sept. 30.....	471	130	
Germany.....				Apr. 14-May 11, 1918: Cases, 54; deaths, 4. In addition, 101 cases among prisoners of war, of which 99 in Königsberg and 1 in Oppeln, and 3 cases among the repatriated from Volhynia, Russia.
Great Britain:				
Belfast.....	May 26-June 1.....	1	1	
Edinburgh.....	June 9-15.....	.....	5	
Glasgow.....	May 19-June 29.....	13	5	
Do.....	July 21-Aug. 3.....	3	.....
Greece:				
Athens.....	Apr. 14-June 30.....	2	5	
Janina.....	Aug. 29.....	15	.....	And in vicinity.
Saloniki.....	Apr. 28-June 29.....	.....	36	
Do.....	June 30-Sept. 28.....	.....	93	
Italy:				
Corato.....	May 6-June 2.....	4	.....	Province of Bari.
Do.....	Aug. 18-24.....	2	.....
Moneta.....	May 6-June 9.....	25	.....	Do.
Naples.....	Apr. 20-May 5.....	1	.....
Japan:				
Kobe.....	July 7-Aug. 3.....	10	5	
Nagasaki.....	May 27-June 23.....	1	1	
Do.....	July 3-Oct. 13.....	28	6	
Tokyo.....	June 24-July 7.....	1	.....
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29; deaths, 8.
Surabaya.....	Feb. 12-Apr. 8.....	22	6	
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32; deaths, 4.
Samarang.....	Feb. 21-May 22.....	10	2	
West Java.....				Feb. 28-June 6, 1918: Cases, 89; deaths, 18.
Batavia.....	Feb. 28-June 6.....	61	15	
Mesopotamia:				
Bagdad.....	Mar. 29-June 7.....	101	.....
Do.....	June 30-July 12.....	5	.....
Mexico:				
Aguascalientes.....	July 8-14.....	.....	1	
Chihuahua State—Parral.....	July 10.....	.....	.....	Epidemic: Reported present from about June 15, 1918.
Guadaluajara.....	June 1-30.....	5	2	
Do.....	July 1-Sept. 30.....	7	3	
Mexico City.....	May 19-June 22.....	186	.....
Do.....	June 30-Sept. 21.....	406	.....
Portugal:				
Lisbon.....	Feb. 24-May 25.....	5	.....
Russia:				
Lithuania.....				Mar. 3-May 4, 1918: Cases, 2,514; deaths, 100.
Poland.....				Mar. 10-May 18, 1918: Cases, 8,593; deaths, 766.
Lodz.....	Mar. 10-May 18.....	470	79	
Warsaw.....	Mar. 10-Apr. 27.....	2,428	376	
Siberia:				
Irkutsk.....	Nov. 1-17.....	600	.....
Vladivostok.....	May 1-June 15.....	16	2	
Do.....	Aug. 1-31.....	5	.....
Spain:				
Cadiz.....	.....do.....	.....	1	
Almeria.....	Apr. 1-30.....	1	.....
Sweden:				
Stockholm.....	Aug. 11-17.....	1	.....
Tunisia:				
Tunis.....	May 18-June 28.....	10	3	
Do.....	June 29-Oct. 4.....	5	3	
Union of South Africa:				
Cape of Good Hope, State.....				Sept. 10, 1914-Apr. 21, 1918: Cases, 4,587 (European, 34); deaths, 939 (European, 25). June 2-15, 1918: Present in interior towns among natives.
Do.....				July 8-Aug. 3, 1918: Present in interior towns, Port Elizabeth district.
Port Elizabeth.....	Aug. 11-17.....	1	.....	Present in district among natives, Aug. 11-Sept. 14, 1918.
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases, 50; deaths, 11.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 29 to Dec. 6, 1918—Continued.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	Apr. 27-June 29....	27	9	
Do.....	June 30-July 6....	4	2	
Pernambuco.....	June 1-15.....		1	
Do.....	Aug. 1-15.....		1	Present, Oct. 17.
Ecuador:				
Guayaquil.....	Apr. 1-June 30....	74	39	
Do.....	July 1-Oct. 15....	121	65	And vicinity. Feb. 16-28, 1918:
Naranjal.....	Apr. 1-June 30....	2	1	Cases, 2.
Do.....	Aug. 1-31.....	1	1	
Punta de Piedra.....	do.....	1		
Vinces.....	Aug. 1-Sept. 30....	6	2	
Guatemala:				
Escuintla.....	Nov. 3.....	5		To Nov. 1, 1918: 40 cases reported.
San Jose.....	Sept. 27.....		14	Oct. 2, 1918, present.
Do.....	Sept. 23-Oct. 5....	3	1	Nov. 4, 1918: 1 case present.